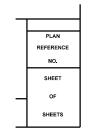
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| SR 7 |
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| ENTERED BY | T. BIEKER | | | | | 20C508 | | | | | | Was | hington State | REMOVE FISH BARRIERS & PAVING | SHEET 2 OF |
| CHECKED BY | K. BURCH | | | | | CONTRACT NO. | LOCATION NO. | | | | | Departmen | nt of Transportation | | 0F 122 |
| PROJ. ENGR. REGIONAL ADM | B. KRAMER I. S. ROARK | | REVISION | DATE | ВҮ | | XL6169 | P.E. STA | DATE AMP BOX | P.E. S | DATE TAMP BOX | | | INDEX | SHEETS |

PROJECT LICENSED PROFESSIONAL CERTIFICATES

| Zonnie fiel Kramer | Mensalf ma | B.aul | Tric Tolman |
|---|--|--|--|
| Dec 19, 2022 | Dec 19, 2022 | Dec 19, 2022 | Dec 19, 2022 |
| AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. |
| Miss Nies | Julie Heilen | | |
| Dec 19, 2022 | Dec 19, 2022 | | |
| AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. |
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| AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. | AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION. |

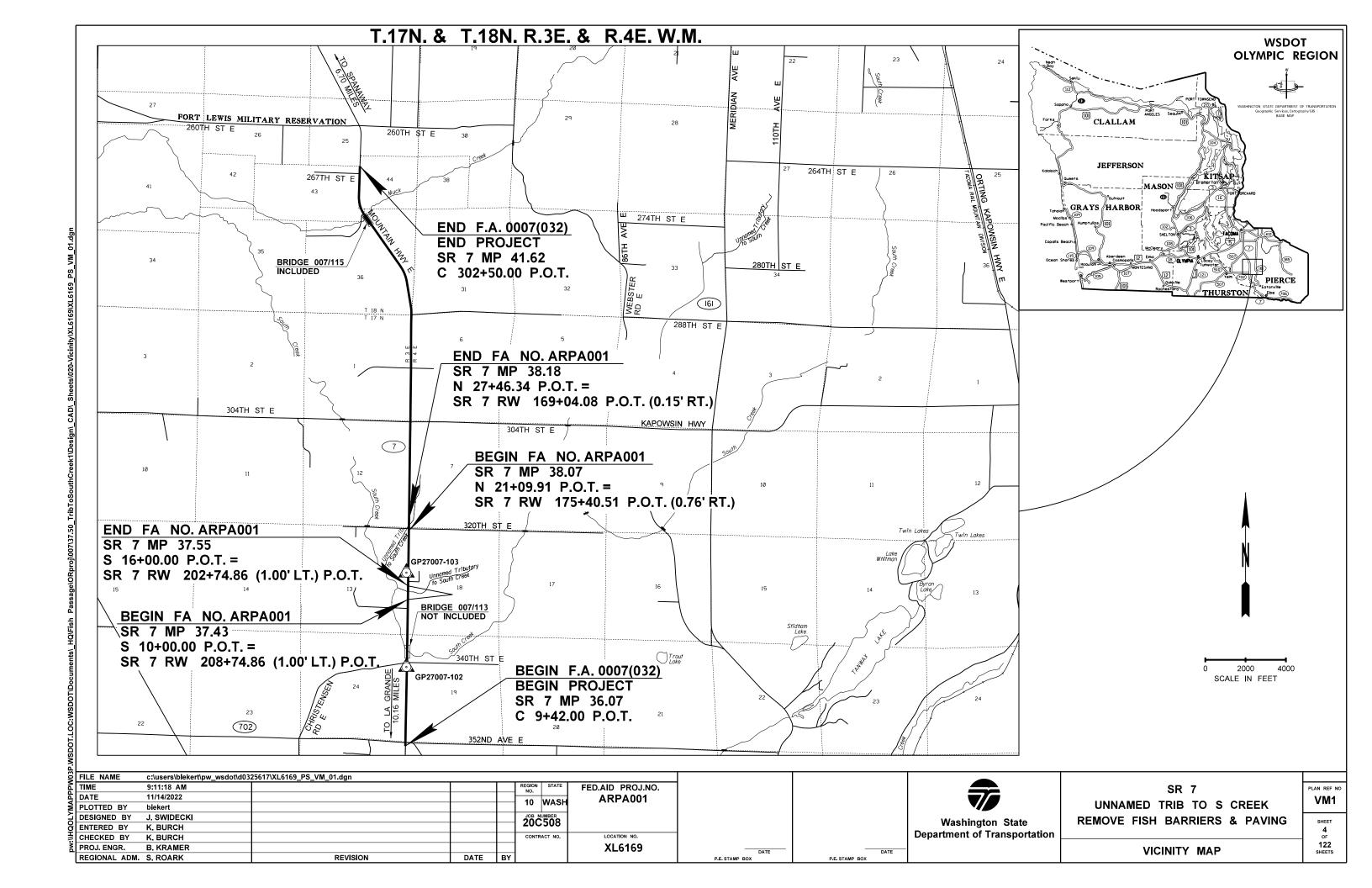
NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

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| E CHECKED BY | K. BURCH | | | | CONTRACT NO. | LOCATION NO. | | | Department of Transportation | | _ OF |
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SUMMARY OF QUANTITIES

| | | SUB-TOTAL | SUB-TOTAL | | | | GROUP 1 | CROUR 1 | GROUP 2 | GROUP 3 | | | | | 1 | | 1 | | |
|------------|------------------|----------------------|----------------------|---|------|---|-----------------------|----------------|----------------|--|--|----------|--|--|--------------|--|--------------|--|---------------|
| | | | | | | | GROUP I | GROUP 1 | GROUP 2 | GROUP 3 | | | | | | | | | |
| ITEM NO | TOTAL | SECTION I-07.2(1) | SECTION I-07.2(2) | STD. ITEM | UNIT | ITEM | SR7 SOUTH MP 37.43 | SR7 NORTH | SR7 PAVING | REIMB. FOR THIRD | | | | | | | | ı l | |
| | QUANTITY | OF | OF | NO. | 0 | | TO | MP 38.07 TO | MP 36.07 TO | PARTY | | | | | | | | i | |
| | | STANDARD SPECS | STANDARD SPECS | | | | MP 37.55 | MP 38.18 | MP 41.62 | DAMAGE | | | | | | | | ı l | |
| | | 01 200 | 01 200 | | | PREPARATION | | | | | | <u> </u> | | | 1 | | | | |
| 1 1 | LUMB OUM I | | LUMP SUM | 1 0001 | 1.0 | PREPARATION | L.S. | L.S. | L.S. | <u> </u> | | <u> </u> | | <u> </u> | 1 | <u> </u> | | | |
| 2 | LUMP SUM | | | | | MOBILIZATION ACIE ADDIC AND CRUPPING | 0.71 | 0.60 | L.S. | 1 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 1 | 1 | | | |
| 3 | 1.31 LUMP SUM | | 1.31 LUMP SUM | | | CLEARING AND GRUBBING REMOVAL OF STRUCTURES AND OBSTRUCTIONS | U.S. | 1 0.00 | <u> </u> | l | l I | 1 | l I | <u> </u> | 1 | 1 | | | |
| 4 | 203.00 | | | | | REMOVING GUARDRAIL | 203.00 | 1 | <u> </u> | <u> </u> | l I | 1 | l I | <u> </u> | | 1 | | | |
| 5 | 1.00 | | | | | REMOVING GUARDRAIL ANCHOR | 1.00 | 1 | <u> </u> | l | l I | l I | l | <u> </u> | 1 | 1 | <u> </u> | | |
| 6 | LUMP SUM | | | | | REMOVING MISCELLANEOUS TRAFFIC ITEM | L.S. | L.S. | L.S. | l | l | 1 | l I | <u> </u> | 1 | 1 | 1 | | |
| 7 | LUMP SUM | | LUMP SUM | 1 02.10 | | REMOVING PORTIONS OF CMP CULVERT | L.S. | 1 | 1 | 1 | l | İ | 1 | <u> </u> | i | i | i | , | |
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| 8 | 0.70 | | 0.70 | 0310 | C.Y. | ROADWAY EXCAVATION INCL. HAUL | <u></u> | i | 0.70 | | <u> </u> | İ | <u> </u> | <u> </u> | İ | i | <u> </u> | <u></u> | i |
| 9 | 78.50 | | 78.50 | 0332 | | | <u></u> | İ | 78.50 | | <u> </u> | İ | <u> </u> | <u> </u> | İ | i | <u> </u> | <u></u> | i |
| 10 | LUMP SUM | i | LUMP SUM | i i | L.S. | EARTHWORK SITE - MP 37.43 TO 37.55 | L.S. | i | İ | i | <u>. </u> | i | | i i | i | i i | i | i | i |
| 11 | LUMP SUM | | LUMP SUM | j j | L.S. | EARTHWORK SITE - MP 38.07 TO 38.18 | Tii Tii | L.S. | İ | 1 | <u> </u> | İ | ĺ | i i | İ | İ | i | i | i |
| 12 | LUMP SUM | | LUMP SUM | j j | L.S. | TEMPORARY TRAFFIC BYPASS SITE - MP 37.43 TO 37.55 | L.S. | İ | İ | ĺ | ĺ | İ | ĺ | i i | İ | İ | i | i | i |
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| | | | | | | DRAINAGE | | | | | | | | | | | 1 | | |
| 14 | 263.00 | | 263.00 | 0900 | TON | STREAMBED COBBLES 4 IN. | 263.00 | | | | | | | | | | 1 | | |
| 15 | 88.00 | | 88.00 | 0901 | TON | STREAMBED COBBLES 6 IN. | 88.00 | | | | | | | | | | 1 | | |
| 16 | 31.00 | | 31.00 | 0902 | TON | STREAMBED COBBLES 8 IN. | 31.00 | | | | | | | | | | 1 | | |
| 17 | 19.00 | | | 0904 | TON | STREAMBED COBBLES 12 IN. | 19.00 | | | | | | | | | | 1 | | |
| 18 | 33.00 | | 33.00 | | | STREAMBED BOULDER TYPE ONE | 33.00 | 1 | | | | | | | | | | | |
| 19 | 23.00 | | 23.00 | | | QUARRY SPALLS | 19.00 | 4.00 | | | | | | | | | | | ! |
| 20 | 1187.00 | | 1187.00 | 1093 | | STREAMBED SEDIMENT | 631.00 | 556.00 | | | | | | | <u> </u> | | | <u>. </u> | ! |
| 21 | LUMP SUM | | LUMP SUM | | | TEMPORARY STREAM DIVERSION SITE MP 37.43 TO 37.55 | L.S. | | | | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | ! | ! |
| 22 | LUMP SUM | | LUMP SUM | | | TEMPORARY STREAM DIVERSION SITE MP 38.07 TO 38.18 | | L.S. | | | | <u> </u> | | | <u> </u> | <u> </u> | ! | : | |
| 23 | 144.00 | | 144.00 | | | COMPOST AMENDED VEGETATED FILTER STRIP | 19.00 | 125.00 | <u> </u> | | | 1 | | 1 1 | 1 | <u> </u> | | | |
| 24 | 6.00 | | 6.00 | | | LARGE WOODY MATERIAL (LWM) TYPE 1 | | 6.00 | | | | 1 | | 1 1 | 1 | | | | |
| 25 | 10.00 | | 10.00 | <u> </u> | | LARGE WOODY MATERIAL (LWM) TYPE 1A | 10.00 | <u> </u> | 1 | 1 | | 1 | | <u> </u> | 1 | 1 | | | |
| 26 | 2.00 | <u> </u> | 2.00 | | | LARGE WOODY MATERIAL (LWM) TYPE 1B LARGE WOODY MATERIAL (LWM) TYPE 3 | 2.00 | 1 | 1 | <u> </u> | ! | <u> </u> | I I | <u> </u> | 1 | 1 | 1 | | |
| 28 | 10.00 | | 10.00 | | | SLASH | 10.00 | 1 | <u> </u> | ! ! | l I | l I | ! | <u> </u> | 1 | 1 | - | | |
| 29 | 63.00 | <u> </u> | 63.00 | 1270 | | CL. IV REINF. CONC. CULV. PIPE 12 IN. DIAM. | 63.00 | 1 | <u> </u> | <u> </u> | <u> </u> | 1 | <u> </u> | <u> </u> | 1 | | <u> </u> | | |
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| 1 | 1 | 1 | | | | SANITARY SEWER | | <u>.</u> | | <u> </u> | <u>. </u> | | <u>. </u> | <u> </u> | İ | | <u>_</u> | <u>_</u> | |
| 30 | 60.00 | i | 60.00 | 3774 | L.F. | DUCTILE IRON SEWER PIPE 12 IN. DIAM. | | 60.00 | | <u> </u> | İ | i | İ | <u> </u> | i | | 1 | | † |
| i = i | l | i | | | | 1 | | i | İ | <u> </u> | İ | İ | İ | <u> </u> | i | | i | i | i |
| i i | i | i | | i | | STRUCTURE | ii i | İ | İ | | İ | İ | İ | i i | İ | <u> </u> | i | i | i |
| 31 | LUMP SUM | i | LUMP SUM | 4013 | L.S. | SHORING OR EXTRA EXCAVATION CL. A | L.S. | L.S. | İ | j | İ | İ | İ | i i | İ | İ | 1 | i | i |
| | LUMP SUM | i | LUMP SUM | 4335 | L.S. | CONTRACTOR DESIGNED BURIED STRUCTURE NO. 1 | L.S. | | | | | | | <u>i</u> | | | i | i | i |
| 33 | | | LUMP SUM | 4335 | L.S. | CONTRACTOR DESIGNED BURIED STRUCTURE NO. 2 | | L.S. | | | | | | | | | i | i | |
| 34 | 140.00 | | 140.00 | | L.F. | TRAFFIC BARRIER MOMENT SLAB | 72.00 | 68.00 | | | | | | | | | | | |
| 35 | -2.00 | Ĺ | -2.00 | 4219 | DOL | DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT | -1.00 | -1.00 | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | | | | | | | |
| | | <u> </u> | | | | SURFACING | | 1 | | | | | | | | | 1 | | |
| 36 | 145.00 | <u> </u> | | | | PERMEABLE BALLAST | 84.00 | 61.00 | | | 1 | <u> </u> | | | | | | | |
| 37 | 767.00 | | 767.00 | 5100 | TON | CRUSHED SURFACING BASE COURSE | 343.00 | 423.00 | 1.00 | | | | | | | | | | |

| GROUP | GROUP NUMBER | SR | CONTROL SECTION | TAX SCHEDULE | FUND PARTICIPANTS |
|--------|--------------|-----|-----------------|--------------|-------------------|
| LEGEND | 1 | 007 | 272800 | ** | ARPA001 |
| | 2 | 007 | 272800 | ** | 0007(032) |
| | 3 | 007 | 272800 | ** | STATE |

| | | REGION | STATE | FEDERAL AID PROJECT. NO. | | 00.7 | SQ1 |
|------|-------------|--------|---------|--------------------------|------------------------------|-------------------------------|--------|
| | | | WA | 0007(032) | | SR / | JULI |
| | | | *** | ARPA001 | Washington State | UNNAMED TRIBS TO S CREEK | SHEET |
| | | | UMBER | | Department of Transportation | REMOVE FISH BARRIERS & PAVING | 5 |
| | | 20C | 508/3 | | Department of Transportation | | OF |
| | | CONTR | RACT NO | | | SUMMARY OF QUANTITIES | 122 |
| DATE | REVISION B) | 7 000 | 0000 | | | | SHEETS |

SUMMARY OF QUANTITIES

| | | SUB-TOTAL S | SUB-TOTAL | | | | | | | | | 1 | | 1 | | | 1 | | 1 | |
|------------|----------------|---------------------|----------------------|--------------|---------|---|-----------------------|--|----------------|----------------|----------|--------------|--------------|--------------|--|--------------|--------------|--|----------|-------------|
| | | * | ** | | | | GROUP 1 | GROUP 1 | GROUP 2 | GROUP 3 | | | | | | | | | | |
| ITEM NO | TOTAL | | SECTION I-07.2(2) | STD. ITEM | UNIT | ITEM | SR7 SOUTH MP 37.43 | SR7 NORTH | SR7 PAVING | REIMB. FOR | | | | | | | | | | |
| " | QUANTITY | OF | OF | NO. | 01111 | TI EM | TO | MP 38.07 TO | MP 36.07 TO | THIRD PARTY | | | | | | | | | | |
| | | STANDARD S SPECS | STANDARD SPECS | | | | MP 37.55 | MP 38.18 | MP 41.62 | DAMAGE | | | | | | | | | | |
| | | 01 200 | 01 200 | | | | | 1 | | | | <u> </u> | | 1 | | | 1 | <u> </u> | | |
| | <u> </u> | <u> </u> | | | | HOT MIX ASPHALT | | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | 1 | <u> </u> | <u> </u> | 1 | <u> </u> | | |
| 38 | 85306.00 | <u> </u> | 85306.00 | 5711 | S V | PLANING BITUMINOUS PAVEMENT | 1,088.00 | 1,458.00 | 82,760.00 | <u> </u> | | <u> </u> | <u> </u> | 1 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | I | |
| 39 | 27.00 | | 27.00 | - | | HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 58H-22 | 11 | 1,400.00 | 27.00 | <u> </u> | | | 1 | 1 | 1 1 | | | <u> </u> | | |
| 40 | 9498.00 | | 9498.00 | - | | HMA CL. 1/2 IN. PG 58H-22 | 426.00 | 532.00 | 8,540.00 | <u> </u> | | 1 | İ | † | 1 1 | | | <u> </u> | | |
| 41 | 24614.00 | | 24614.00 | | | JOB MIX COMPLIANCE PRICE ADJUSTMENT | 11 | 1 | 24,614.00 | | | İ | İ | i | | | i | <u> </u> | | |
| 42 | 41024.00 | • | 41024.00 | | | COMPACTION PRICE ADJUSTMENT | | <u>. </u> | 41,024.00 | | | <u> </u> | İ | 1 | <u> </u> | İ | i | <u> </u> | | |
| 43 | 27050.00 | | 27050.00 | | | ASPHALT COST PRICE ADJUSTMENT | | İ | 27,050.00 | | | i | İ | i | | | i | | | i |
| 44 | 164.00 | | 164.00 | | | HMA SAWCUT AND SEAL | 76.00 | 88.00 | | | | i | İ | i | | | i | | | |
| 45 | -3.00 | | | | | CYCLIC DENSITY PRICE ADJUSTMENT | -1.00 | -1.00 | -1.00 | <u> </u> | | i | l | i | | | i | | | i |
| | i | | | i i | | | ii | i | | İ | | i | i | i | i i | i | i | i | i | i |
| i | i | İ | | i i | | EROSION CONTROL AND ROADSIDE PLANTING | ii i | i | İ | ĺ | | i | i | i | i i | İ | i | i i | İ | i |
| 46 | 5.00 | İ | 5.00 | 6471 | EACH | INLET PROTECTION | ii | i | 5.00 | | | İ | i | i | i i | İ | i | i i | i | i |
| 47 | 4891.00 | i | | | | COMPOST BLANKET | 2,658.00 | 2,233.00 | İ | | | i | İ | i | i i | İ | i | | | i |
| 48 | 1378.00 | İ | | | | SILT FENCE | 710.00 | 668.00 | İ | | | İ | i | i | i i | İ | i | i i | i | i |
| 49 | 960.00 | İ | 960.00 | 6500 | L.F. | COMPOST SOCK | 720.00 | 240.00 | İ | İ | | i | İ | i | i i | İ | İ | i i | İ | i |
| 50 | LUMP SUM | L | LUMP SUM | 6488 | L.S. | EROSION CONTROL AND WATER POLLUTION PREVENTION | L.S. | L.S. | L.S. | İ | | i | İ | i | İ | İ | İ | ĺ | İ | i |
| 51 | 0.50 | İ | 0.50 | 6414 | ACRE | SEEDING, FERTILIZING, AND MULCHING | 0.20 | 0.30 | İ | ĺ | | İ | İ | i | İ | İ | İ | ĺ | İ | i |
| 52 | 226.00 | İ | 226.00 | 6552 | EACH | PSIPE SERVICEBERRY #1 CONT. 12-24 IN. HT. | 125.00 | 101.00 | İ | | | İ | İ | İ | i i | İ | İ | ĺ | İ | i |
| 53 | 452.00 | | 452.00 | 6552 | EACH | PSIPE OCEANSPRAY #1 CONT. 12-24 IN. HT. | 249.00 | 203.00 | İ | | | | İ | İ | i i | İ | İ | ĺ | İ | i |
| 54 | 226.00 | İ | 226.00 | 6552 | EACH | PSIPE STREAMBANK LUPINE #1 CONT. 12-24 IN. HT. | 125.00 | 101.00 | İ | ĺ | | | İ | i | i i | İ | İ | ĺ | İ | i |
| 55 | 452.00 | | 452.00 | 6552 | EACH | PSIPE PACIFIC NINEBARK #1 CONT. 12-24 IN. HT. | 249.00 | 203.00 | | | | | ĺ | | İ | ĺ | 1 | | İ | |
| 56 | 452.00 | | 452.00 | 6552 | EACH | PSIPE WESTERN SWORD FERN #1 CONT. 12-24 IN. HT. | 249.00 | 203.00 | | | | | | İ | | | İ | | | |
| 57 | 171.00 | | 171.00 | 6552 | EACH | PSIPE DOUGLAS FIR #2 CONT. 18-24 IN. HT. | 87.00 | 84.00 | | | | | | | | | | | | |
| 58 | 452.00 | | 452.00 | 6552 | EACH | PSIPE RED ELDERBERRY #1 CONT. 12-24 IN. HT. | 249.00 | 203.00 | | | | | | | | | 1 | | | |
| 59 | 170.00 | | 170.00 | 6552 | EACH | PSIPE WESTERN RED CEDAR #2 CONT. 18-24 IN. HT. | 86.00 | 84.00 | | | | | | | | | 1 | | | |
| 60 | 226.00 | | 226.00 | 6552 | EACH | PSIPE SEDGE #1 CONT. 12-18 IN. HT. | 165.00 | 61.00 | | | | | | 1 | | | 1 | | | |
| 61 | 451.00 | | 451.00 | 6552 | EACH | PSIPE RED-OSIER DOGWOOD #1 CONT. 12-18 IN. HT. | 330.00 | 121.00 | | | | | | 1 | | | 1 | | | |
| 62 | 451.00 | | 451.00 | 6552 | EACH | PSIPE SCOULER WILLOW #BR LIVE STAKE 12-18 IN. HT. | 330.00 | 121.00 | | | | | | | | | 1 | | | |
| 63 | 0.20 | | 0.20 | 6480 | ACRE | FINE COMPOST | 0.10 | 0.10 | | | | | | | | | 1 | | | |
| 64 | 0.20 | | 0.20 | 6579 | ACRE | BARK OR WOOD CHIP MULCH | 0.10 | 0.10 | | | | | | | | | 1 | | | |
| 65 | 2218.00 | | 2218.00 | 6630 | L.F. | HIGH VISIBILITY FENCE | 1,126.00 | 1,092.00 | | | | | | | | | 1 | | | |
| 66 | 8000.00 | | 8000.00 | | | PLANT ESTABLISHMENT - SECOND YEAR | 5,000.00 | 3,000.00 | | | | | | <u> </u> | | | | | | |
| 67 | 8000.00 | | 8000.00 | 6608 | DOL | PLANT ESTABLISHMENT - THIRD YEAR | 5,000.00 | 3,000.00 | | | | 1 | | 1 | <u> </u> | | <u> </u> | <u> </u> | | |
| <u> </u> | <u> </u> | | | | | | !! | <u> </u> | | | | <u> </u> | | <u> </u> | <u> </u> | | <u> </u> | <u> </u> | | ! |
| | <u> </u> | <u> </u> | | | | TRAFFIC | | | <u> </u> | | | 1 | | 1 | <u> </u> | | <u> </u> | <u> </u> | | |
| 68 | 40.00 | <u> </u> | | | | EXTRUDED CURB | 20.00 | 20.00 | <u> </u> | | | 1 | | 1 | <u> </u> | | <u> </u> | <u> </u> | | |
| 69 | 287.50 | <u> </u> | | | | BEAM GUARDRAIL TYPE 31 | 62.50 | 225.00 | <u> </u> | | | 1 | | 1 | <u> </u> | | <u> </u> | <u> </u> | | |
| 70 | 6.00 | | | | | BEAM GUARDRAIL TRANSITION SECTION TYPE 21 | 4.00 | 2.00 | <u> </u> | | | 1 | | 1 | <u> </u> | | 1 | <u> </u> | | |
| 71 | 5.00 | | | | | BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL | 3.00 | 2.00 | <u> </u> | | | 1 | | 1 | <u> </u> | | 1 | | | |
| 72 | | | | | | BEAM GUARDRAIL ANCHOR TYPE 11 | 1.00 | 1 450.00 | <u> </u> | | | 1 | | 1 | <u> </u> | | 1 | | | |
| 73 | | | | | | TEMPORARY BARRIER | 450.00 | 450.00 | 1 | <u> </u> | | 1 | | 1 | <u> </u> | <u> </u> | <u> </u> | | | |
| 74 | | | | | | PERMANENT IMPACT ATTENUATOR | | 2.00 | 1 470.00 | <u> </u> | | 1 | <u> </u> | 1 | <u> </u> | | 1 | <u> </u> | | |
| 75 | | • | | | | FLEXIBLE GUIDE POST | 14.00 | 30.00 | 172.00 | <u> </u> | | 1 | | 1 | <u> </u> | | 1 | <u> </u> | | |
| 76 | | | | | | PLASTIC LINE | 1,800.00 | 1,720.00 | | <u> </u> | | 1 | | 1 | <u> </u> | | 1 | <u> </u> | | |
| 77 | 944.00 | | | | | PLASTIC CROSSWALK LINE | | I 64.00 | 944.00 | <u> </u> | | 1 | <u> </u> | 1 | <u> </u> | <u> </u> | 1 | <u> </u> | <u> </u> | |
| 78 | 188.00 | <u> </u> | | | | PLASTIC STOP LINE PLASTIC TRAFFIC ARROW | | 64.00 | 124.00 | <u> </u> | | 1 | <u> </u> | 1 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | | |
| 79 80 | 12.00 29.00 | <u> </u> | | | | PLASTIC TRAFFIC ARROW PLASTIC DRAINAGE MARKING | I | 4.00 | 21.00 | <u> </u> | <u> </u> | 1 | <u> </u> | 1 | <u> </u> | <u>l</u> | 1 | <u> </u> | | |
| | 20.00 | <u> </u> | 20.00 | 5551 | L, (OI) | p 2 3 to 5 to ma to 2 mandato | | 7.00 | 21.00 | 1 | I | 1 | | 1 | 1 1 | ı | 1 | 1 | I | |

| GROUP | GROUP NUMBER | SR | CONTROL SECTION | TAX SCHEDULE | FUND PARTICIPANT |
|--------|--------------|-----|-----------------|--------------|------------------|
| LEGEND | 1 | 007 | 272800 | ** | ARPA001 |
| | 2 | 007 | 272800 | ** | 0007(032) |
| | 3 | 007 | 272800 | ** | STATE |

| | | REGION | STATE | FEDERAL AID PROJECT. NO. | | 00.7 | SQ2 |
|------|-------------|--------|---------|--------------------------|------------------------------|-------------------------------|--------|
| | | | WA | 0007(032) | | SR / | SUZ |
| | | | ••• | ARPA001 | Washington State | UNNAMED TRIBS TO S CREEK | SHEET |
| | | | UMBER | | Department of Transportation | REMOVE FISH BARRIERS & PAVING | 6 |
| | | 20C | 508/3 | | Department of Transportation | | OF |
| | | CONTR | RACT NO | | | SUMMARY OF QUANTITIES | 122 |
| DATE | REVISION B) | 7 000 | 0000 | | | | SHEETS |

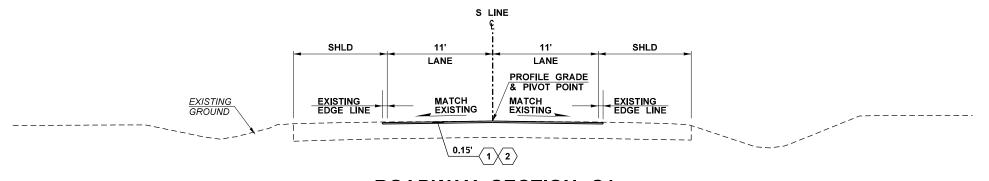
DOT_RGG900 12/13/2022

SUMMARY OF QUANTITIES

| TOTAL SUB-TOTAL X | | |
|--|---|-------|
| NO QUANTITY OF OF NO. I-07.2(2) ITEM UNIT ITEM MP 37.43 MP 38.07 MP 36.07 THIRD MP 37.43 MP 38.07 MP 36.07 TO PARTY MP 37.755 MP 37.755 MP 37.755 MP 38.18 MP 41.62 DAMAGE DAMAGE | | |
| NO QUANTITY OF OF NO. I-07.2(1) I-07.2(2) ITEM UNIT ITEM MP 37.43 MP 38.07 MP 36.07 THIRD PARTY OF NO. TO PARTY STANDARD STAND | | |
| STANDARD STANDARD MP 37.55 MP 38.18 MP 41.62 DAMAGE | | |
| | | |
| SPECS SPECS SPECS | | |
| | | |
| 81 27.00 27.00 6875 EACH PLASTIC JUNCTION BOX MARKING 27.00 | | |
| 82 5.69 5.69 6893 MI. CENTERLINE RUMBLE STRIP 0.10 0.09 5.50 | | |
| 83 5.05 5.05 6889 HUND RECESSED PAVEMENT MARKER 0.08 0.07 4.90 | | |
| 84 178730.00 178730.00 6895 L.F. TEMPORARY PAVEMENT MARKING-SHORT DURATION 2,375.00 2,375.00 173,980.00 | | |
| 85 24.00 24.00 6872 EACH TEMPORARY MISC. PAVEMENT MARKINGS - SHORT DURATION 24.00 | | |
| 86 320.00 320.00 6842 L.F. TEMPORARY STOP LINE - SHORT DURATION 36.00 36.00 248.00 | 1 | |
| 87 1888.00 1888.00 6851 S.F. TEMPORARY CROSSWALK LINE - SHORT DURATION 1,888.00 | | |
| 88 80.00 80.00 6902 S.F. SIGN COVERING 40.00 1 1 1 1 1 1 1 1 1 | | l l |
| 89 LUMP SUM LUMP SUM 6903 L.S. TEMPORARY ILLUMINATION SYSTEM L.S. L.S. | | |
| 90 LUMP SUM LUMP SUM 6971 L.S. PROJECT TEMPORARY TRAFFIC CONTROL L.S. L.S. L.S. L.S. L.S. | | |
| 91 747.00 747.00 6818 L.F. PLASTIC WIDE LINE | ĺ | |
| 92 8.00 8.00 EACH INDUCTION LOOP TYPE 1 8.00 | ĺ | |
| 93 6.00 6.00 EACH INDUCTION LOOP TYPE 3 | | |
| 94 50000.00 50000.00 7572 DOL WORK ZONE SAFETY CONTINGENCY 25,000.00 25,000.00 | | |
| | | |
| OTHER ITEMS | | |
| 95 LUMP SUM LUMP SUM 7037 L.S. STRUCTURE SURVEYING L.S. L.S. | | |
| 96 LUMP SUM LUMP SUM 7038 L.S. ROADWAY SURVEYING L.S. L.S. L.S. L.S. | | |
| 97 144.00 144.00 7054 S.F. DETECTABLE WARNING SURFACE 144.00 | 1 | |
| 98 825.00 825.00 7111 L.F. WIRE FENCE TYPE 2 825.00 | | |
| 99 1.00 1.00 7116 EACH SINGLE WIRE GATE 14 FT. WIDE 1.00 | | |
| 100 20000.00 20000.00 7715 DOL FORCE ACCOUNT FISH EXCLUSION ASSISTANCE 10,000.00 10,000.00 | | |
| 101 10000.00 10000.00 7715 DOL FORCE ACCOUNT FISH BLOCK NET MAINTENANCE 5,000.00 5,000.00 | | |
| 102 12000.00 12000.00 7480 DOL ROADSIDE CLEANUP 5,000.00 5,000.00 2,000.00 | | |
| 103 1.00 1.00 7562 EACH MAILBOX SUPPORT TYPE 1 1.00 | | |
| 104 5.00 5.00 7725 DOL REIMBURSEMENT FOR THIRD PARTY DAMAGE 5.00 | | |
| 105 -1.00 -1.00 7728 DOL MINOR CHANGE -1.00 -1.0 | | |
| 106 -1.00 -1.00 7732 DOL AGGREGATE COMPLIANCE PRICE ADJUSTMENT -1.00 - | | |
| 107 LUMP SUM LUMP SUM 7736 L.S. SPCC PLAN L.S. L.S. L.S. L.S. | | |
| | 1 | 1 1 1 |

| GROUP | GROUP NUMBER | SR | CONTROL SECTION | TAX SCHEDULE | FUND PARTICIPANTS |
|--------|--------------|-----|-----------------|--------------|-------------------|
| LEGEND | 1 | 007 | 272800 | ** | ARPA001 |
| | 2 | 007 | 272800 | ** | 0007(032) |
| | 3 | 007 | 272800 | ** | STATE |

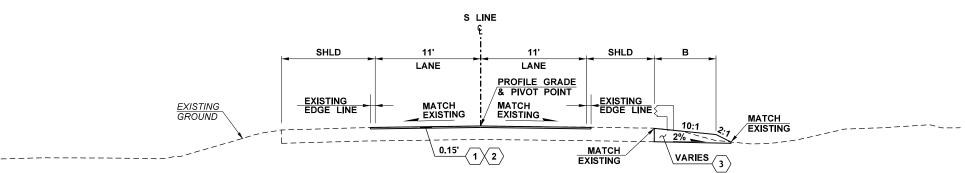
| | | REGIO | N STATE | FEDERAL AID PROJECT. NO. | | CD 7 | SQ3 |
|------|----------|-------|----------|--------------------------|------------------------------|-------------------------------|--------|
| | | | WA | 0007(032) | | SK / | 303 |
| | | | | ARPA001 | Washington State | UNNAMED TRIBS TO S CREEK | SHEET |
| | | | NUMBER | | Department of Transportation | REMOVE FISH BARRIERS & PAVING | 7 |
| | | 20 | C508/3 | | Dopartmont of Transportation | | - OF |
| | | | TRACT NO | | | SUMMARY OF QUANTITIES | 122 |
| DATE | REVISION | BY 0 | 00000 | | | | SHEETS |



ROADWAY SECTION S1

NOT TO SCALE

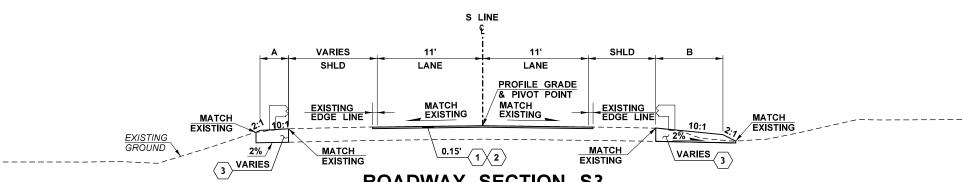
STATION S 10+00.00 TO S 11+00.31



ROADWAY SECTION S2

NOT TO SCALE

| STATION | В |
|--------------------------|------------|
| S 11+00.31 TO S 11+25.83 | SEE NOTE 6 |



ROADWAY SECTION S3

| STATION | Α | В |
|--------------------------|------------|------------|
| S 11+25.83 TO S 12+04.20 | SEE NOTE 6 | SEE NOTE 6 |

NOTES:

- ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. HMA WEARING COURSE SHALL BE 0.15'.
- 3. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.
- 4. SEE PAVING AND PAVEMENT MARKING PLANS FOR VARIABLE WIDTH DIMENSIONS AND TAPERS.
- 5. SEE QUANTITY TABULATION SHEETS FOR GUARDRAIL AND EXTRUDED CURB LOCATIONS AND TYPE.
- 6. UNLESS NOTED OTHERWISE SEE STD PLAN C-22.40 FOR SHOULDER GRADING AND GUARDRAIL
- 7. SEE SUPERELEVATION DIAGRAMS ON PROFILE SHEETS FOR VARIABLE CROSS SLOPES.

SURFACING LEGEND:

- PLANING BITUMINOUS PAVEMENT
- HMA CL. 1/2 IN. PG 58H-22
- CRUSHED SURFACING BASE COURSE
- CLASS 4000D CONC. TOPPING
- GRAVEL BORROW INCL. HUAL

| FILE NAME | c:\users\blekert\pw_wsdot\d032 | 28272\XL6169_S_PS_RS_01.dgn | | | | | | Т |
|---------------|--------------------------------|-----------------------------|------|----|---------------|----------|------------------|---|
| TIME | 12:51:14 PM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | 7 |
| DATE | 12/9/2022 | | | | | WASH | | |
| PLOTTED BY | biekert | | | | 10 | WASH | | 6 |
| DESIGNED BY | K. COUNTRYMAN | | | | JOB | 508 | | Ţ |
| ENTERED BY | T. BIEKER | | | | 200 | ,500 | | ľ |
| CHECKED BY | K. BURCH | | | | CONTR | RACT NO. | LOCATION NO. | 7 |
| PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



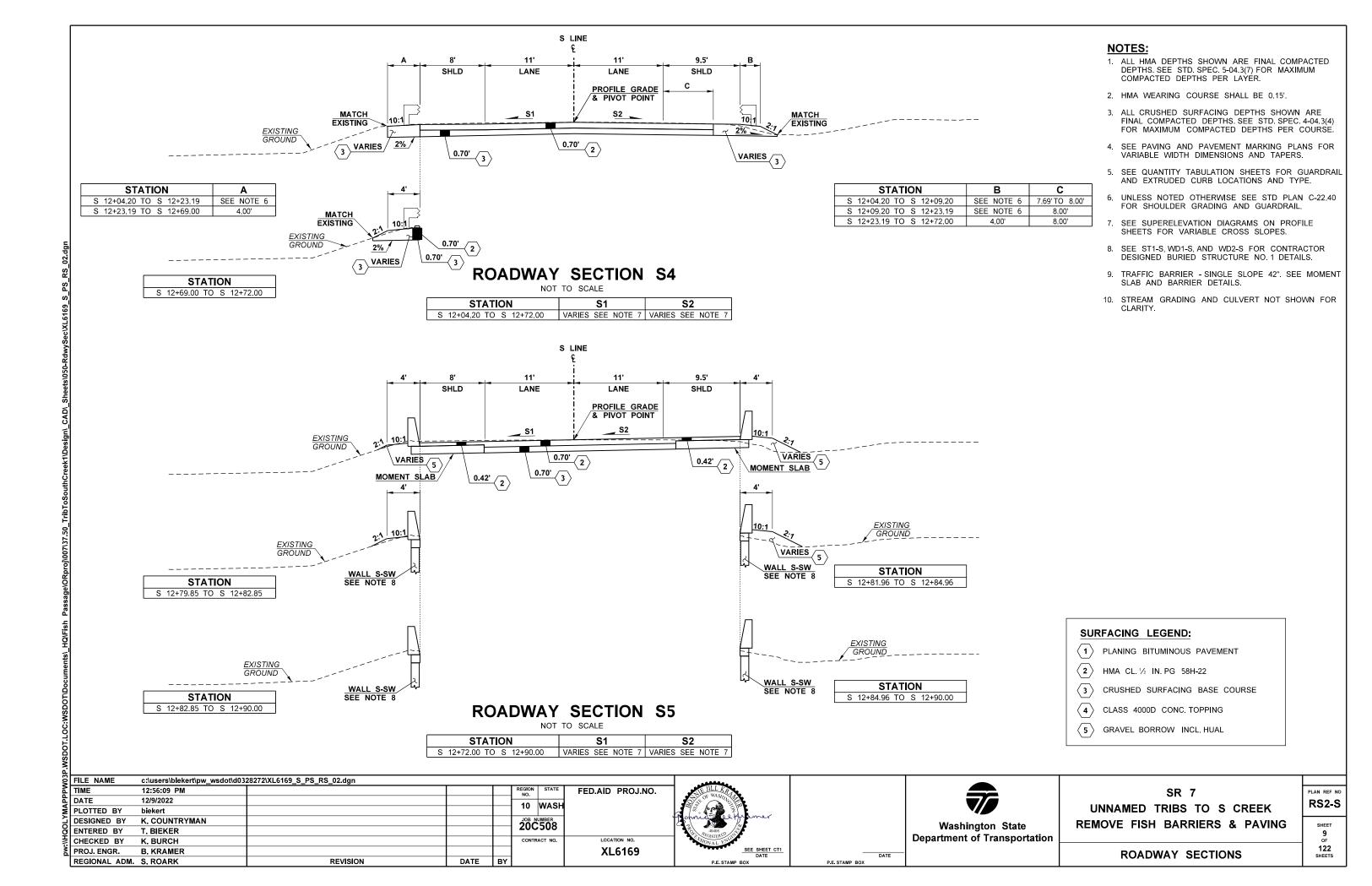


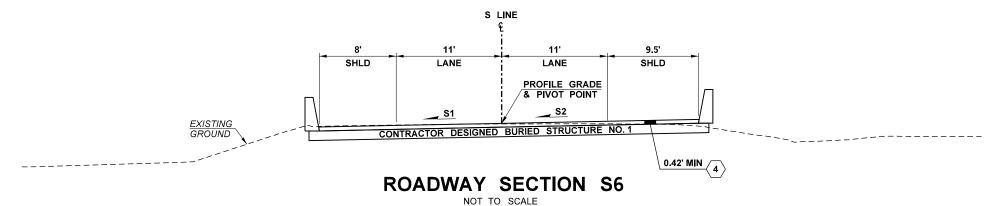
SR 7 UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

ROADWAY SECTIONS

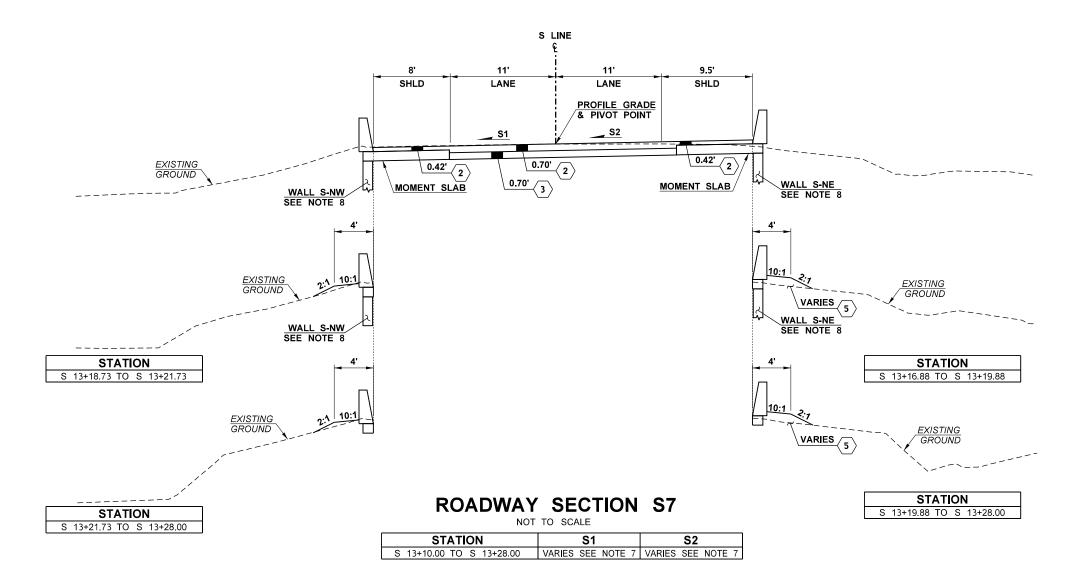
RS1-S

PLAN REF NO





| STATION | S1 | S2 |
|--------------------------|-------------------|-------------------|
| S 12+90.00 TO S 13+10.00 | VARIES SEE NOTE 7 | VARIES SEE NOTE 7 |



NOTES:

- ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. HMA WEARING COURSE SHALL BE 0.15'.
- 3. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.
- 4. SEE PAVING AND PAVEMENT MARKING PLANS FOR VARIABLE WIDTH DIMENSIONS AND TAPERS.
- 5. SEE QUANTITY TABULATION SHEETS FOR GUARDRAIL AND EXTRUDED CURB LOCATIONS AND TYPE.
- 6. UNLESS NOTED OTHERWISE SEE STD PLAN C-22.40 FOR SHOULDER GRADING AND GUARDRAIL.
- 7. SEE SUPERELEVATION DIAGRAMS ON PROFILE SHEETS FOR VARIABLE CROSS SLOPES.
- 8. SEE ST1-S, WD1-S, AND WD2-S FOR CONTRACTOR DESIGNED BURIED STRUCTURE NO. 1 DETAILS.
- 9. TRAFFIC BARRIER SINGLE SLOPE 42". SEE MOMENT SLAB AND BARRIER DETAILS.
- 10. STREAM GRADING AND CULVERT NOT SHOWN FOR CLARITY.
- 11. FOR DITCH DETAILS NOT SHOWN SEE SHEET DD1-S.

SURFACING LEGEND:

- PLANING BITUMINOUS PAVEMENT
- HMA CL. 1/2 IN. PG 58H-22
- CRUSHED SURFACING BASE COURSE
- CLASS 4000D CONC. TOPPING
- GRAVEL BORROW INCL. HUAL

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| PLOTTED BY | biekert | | | | יי ן | WASH | | 7 |
| DESIGNED BY | K. COUNTRYMAN | | | | JOB N | UMBER 2508 | ` | Z |
| ENTERED BY | T. BIEKER | | | | 200 | ,500 | | 7 |
| CHECKED BY | K. BURCH | | | | CONTR | RACT NO. | LOCATION NO. | |
| PROJ. ENGR. | B. KRAMER | | | | 1 | | XL6169 | |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | 1 | | | |

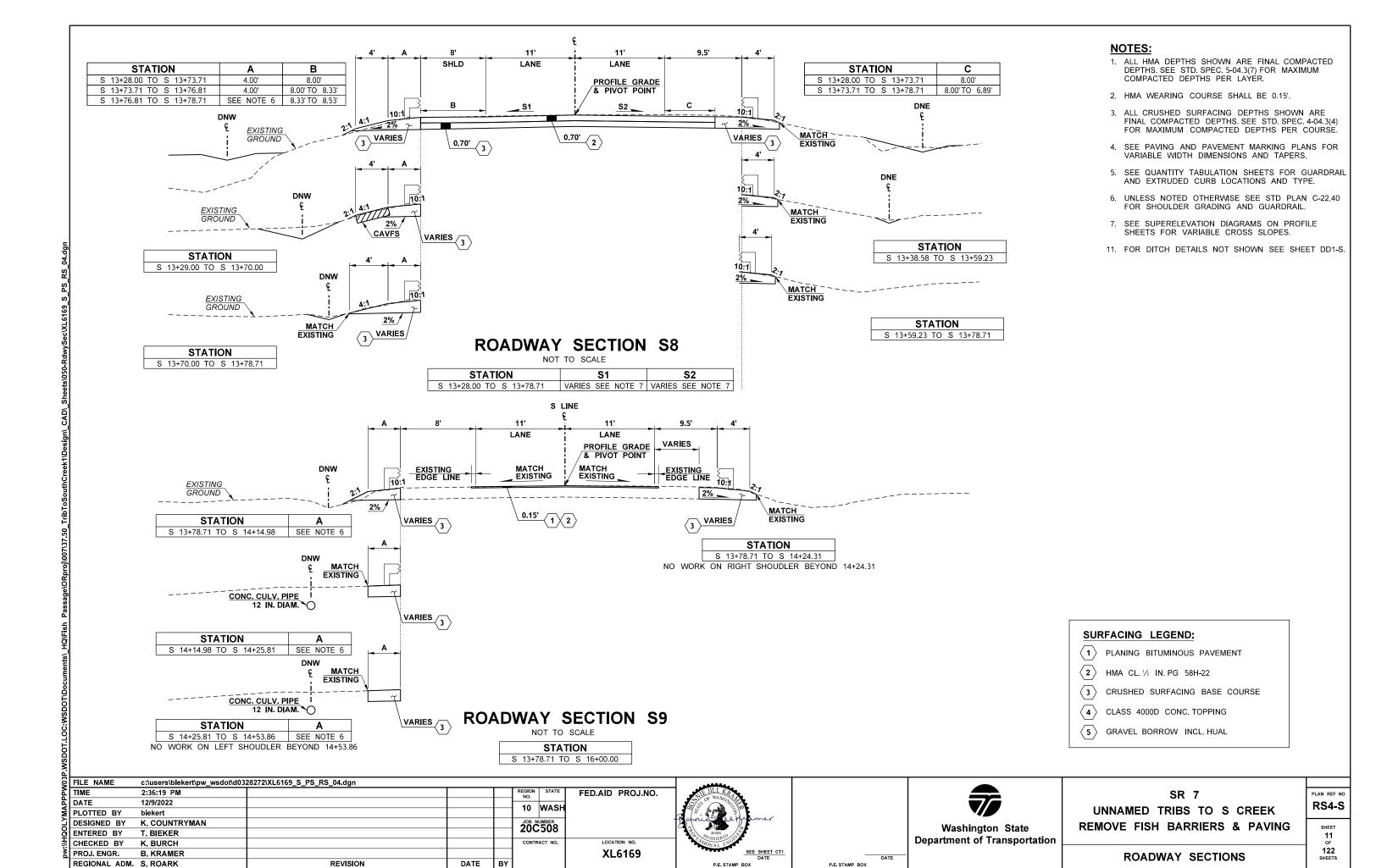


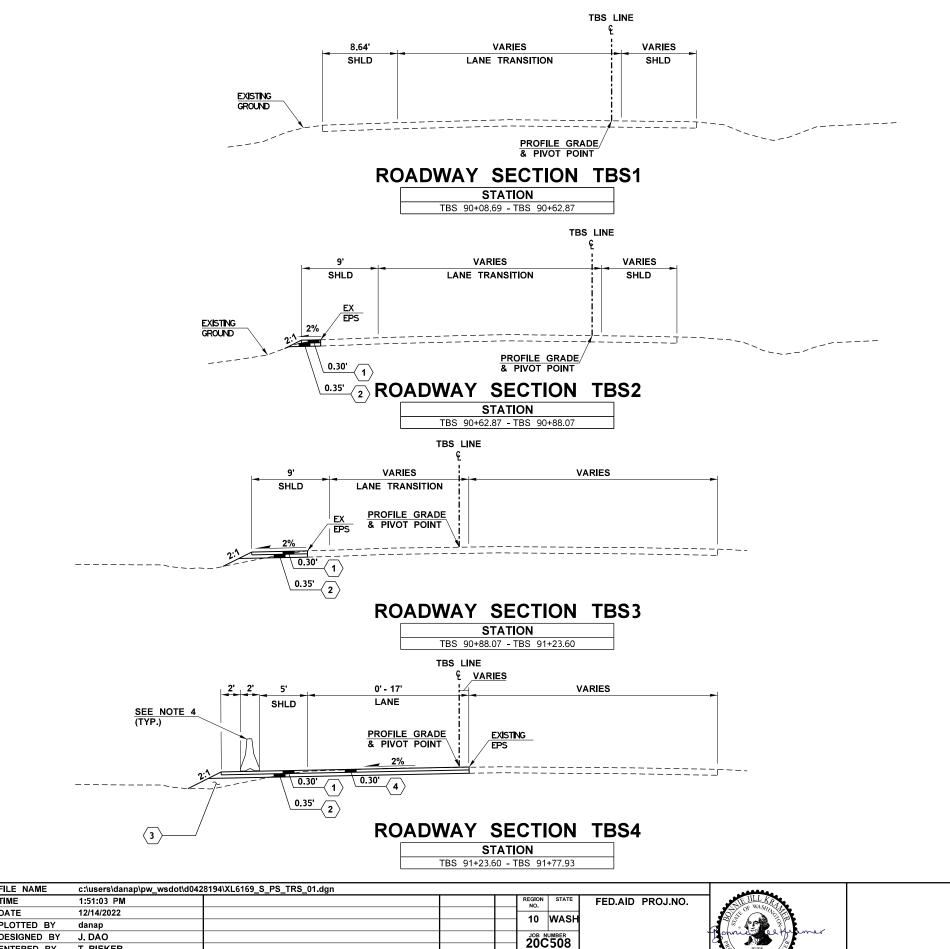


SR 7 UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

ROADWAY SECTIONS

PLAN REF NO RS3-S





NOTES:

- 1. ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS SEE STD SPEC 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.
- SEE TRAFFIC CONTROL PLANS SHEET TC5 FOR TEMPORARY PAVEMENT MARKINGS AND TEMPORARY BARRIER LOCATIONS.
- 4. TEMPORARY BARRIERS SHALL BE ANCHORED IN ACCORDANCE WITH STANDARD PLAN K-80.35.

LEGEND:

- **(1)** HMA CL. ½ IN. PG 58H-22
- CRUSHED SURFACING BASE COURSE
- GRAVEL BORROW INCL. HUAL

PLANING BITUMINOUS PAVEMENT

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| PLOTTED BY | danap | | | | I IU WA | |
| DESIGNED BY | J. DAO | | | | JOB NUMBER | <u> </u> |
| ENTERED BY | T. BIEKER | | | | 20C508 | P |
| CHECKED BY | K. BURCH | | | | CONTRACT NO | LOCATION NO. |
| PROJ. ENGR. | B. KRAMER | | | | | XL6169 |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | |
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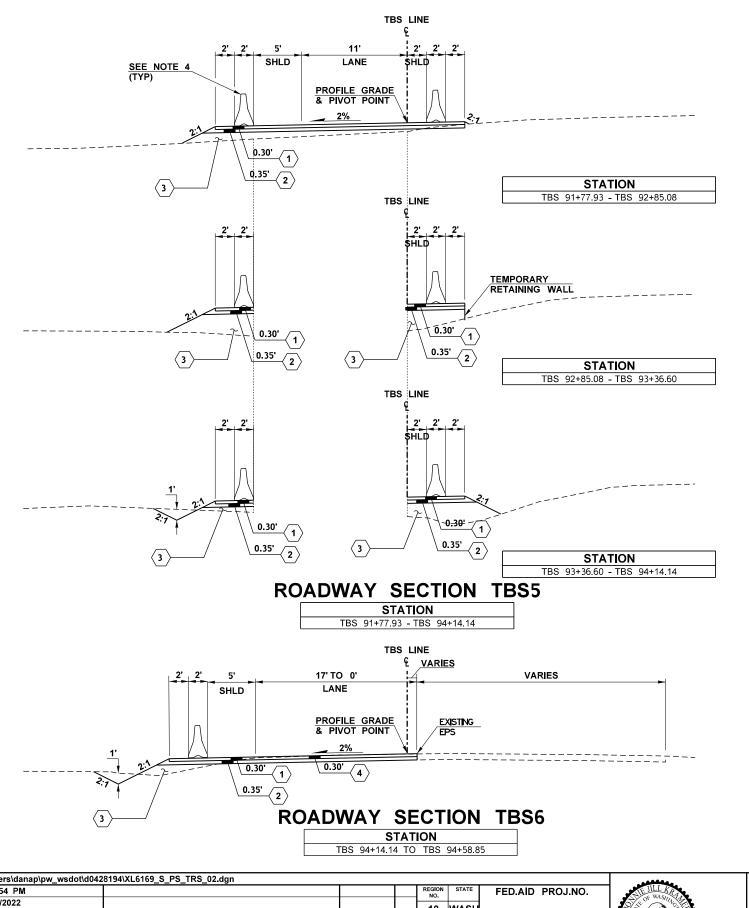


SR 7 UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

TEMPORARY ROADWAY SECTIONS

TRS1-S **12**

PLAN REF NO



NOTES:

- 1. ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.
- SEE TRAFFIC CONTROL PLANS SHEET TC5 FOR TEMPORARY PAVEMENT MARKINGS AND TEMPORARY BARRIER LOCATIONS.
- 4. TEMPORARY BARRIERS SHALL BE ANCHORED IN ACCORDANCE WITH STANDARD PLAN K-80.35.

LEGEND:

- **1** HMA CL. ½ IN. PG 58H-22
- 2 CRUSHED SURFACING BASE COURSE
- GRAVEL BORROW INCL. HUAL
- PLANING BITUMINOUS PAVEMENT

| Ť | | | | | | | | | |
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| ξ | TIME | 1:45:54 PM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | 1 |
| Ì | DATE | 12/14/2022 | | | | | WASH | | ١. |
| È | PLOTTED BY | danap | | | | 10 | WASH | | |
| בֻ | DESIGNED BY | J. DAO | | | | JOB | UMBER 508 | ` | Į |
| ತ | ENTERED BY | T. BIEKER | | | | 200 | ,500 | | ľ |
| ₹ | CHECKED BY | K. BURCH | | | | CONTR | RACT NO. | LOCATION NO. | l |
| Ѯ | PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | l |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



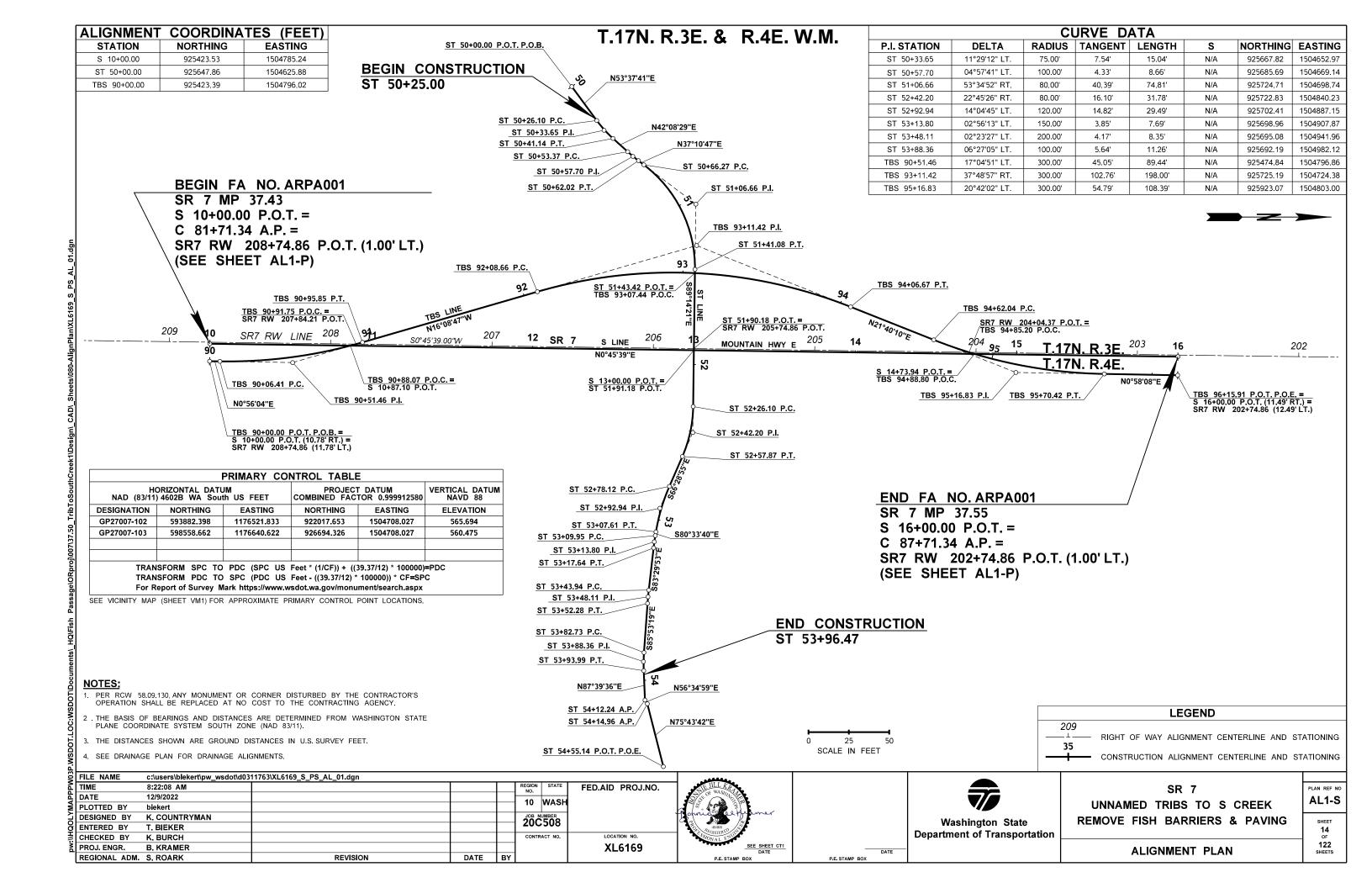


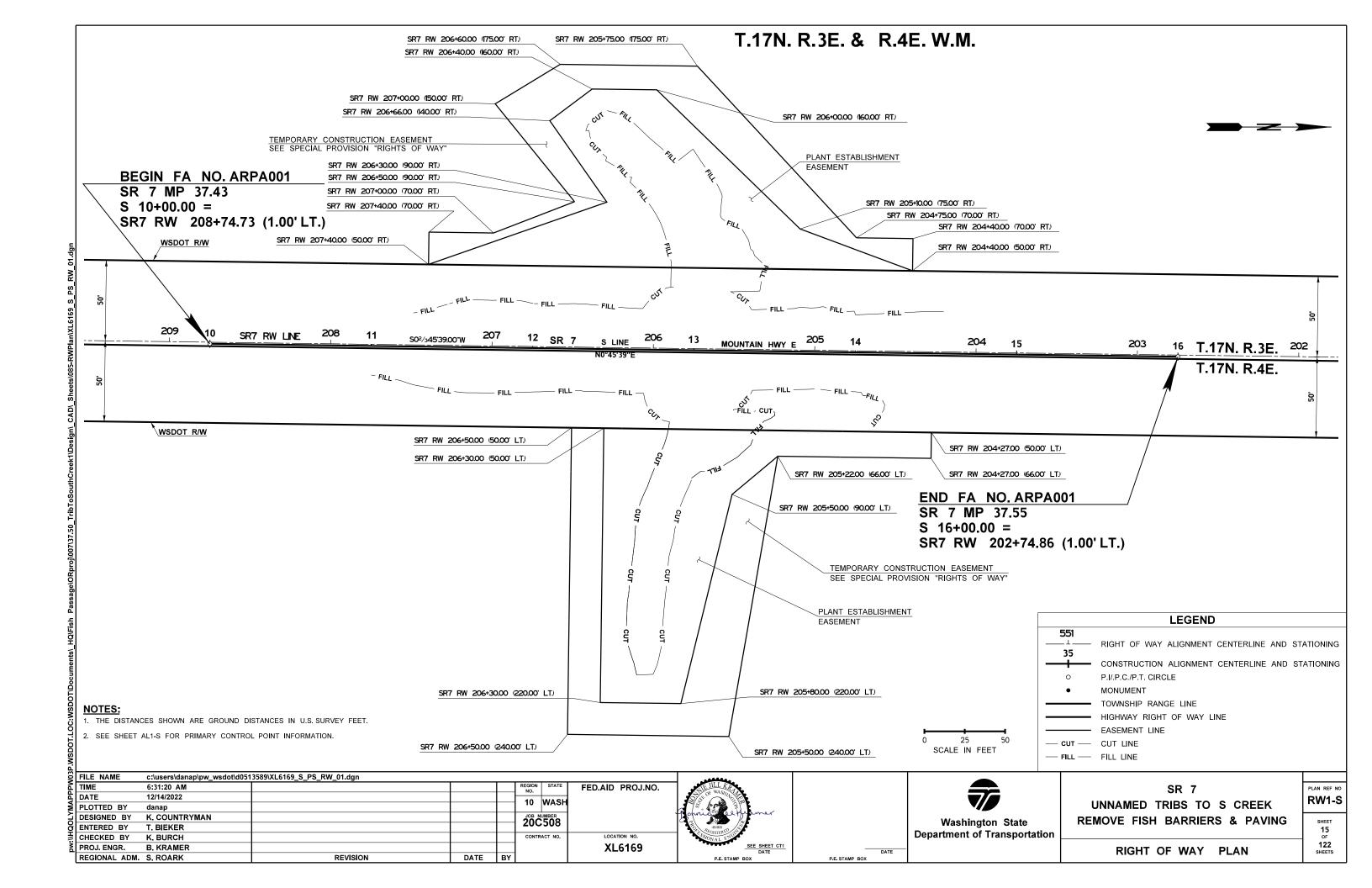
SR 7 UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

TEMPORARY ROADWAY SECTIONS

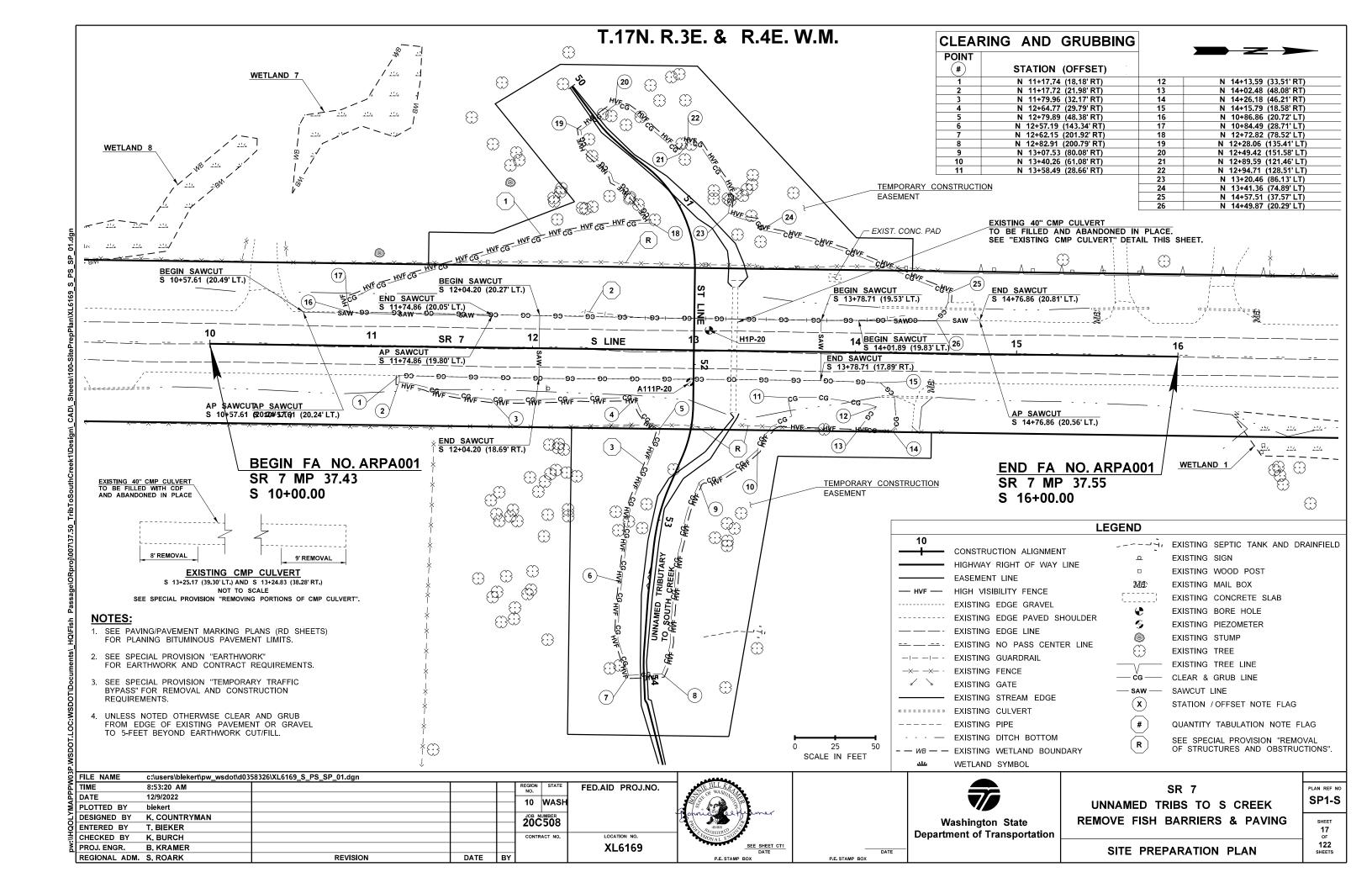
TRS2-S 13

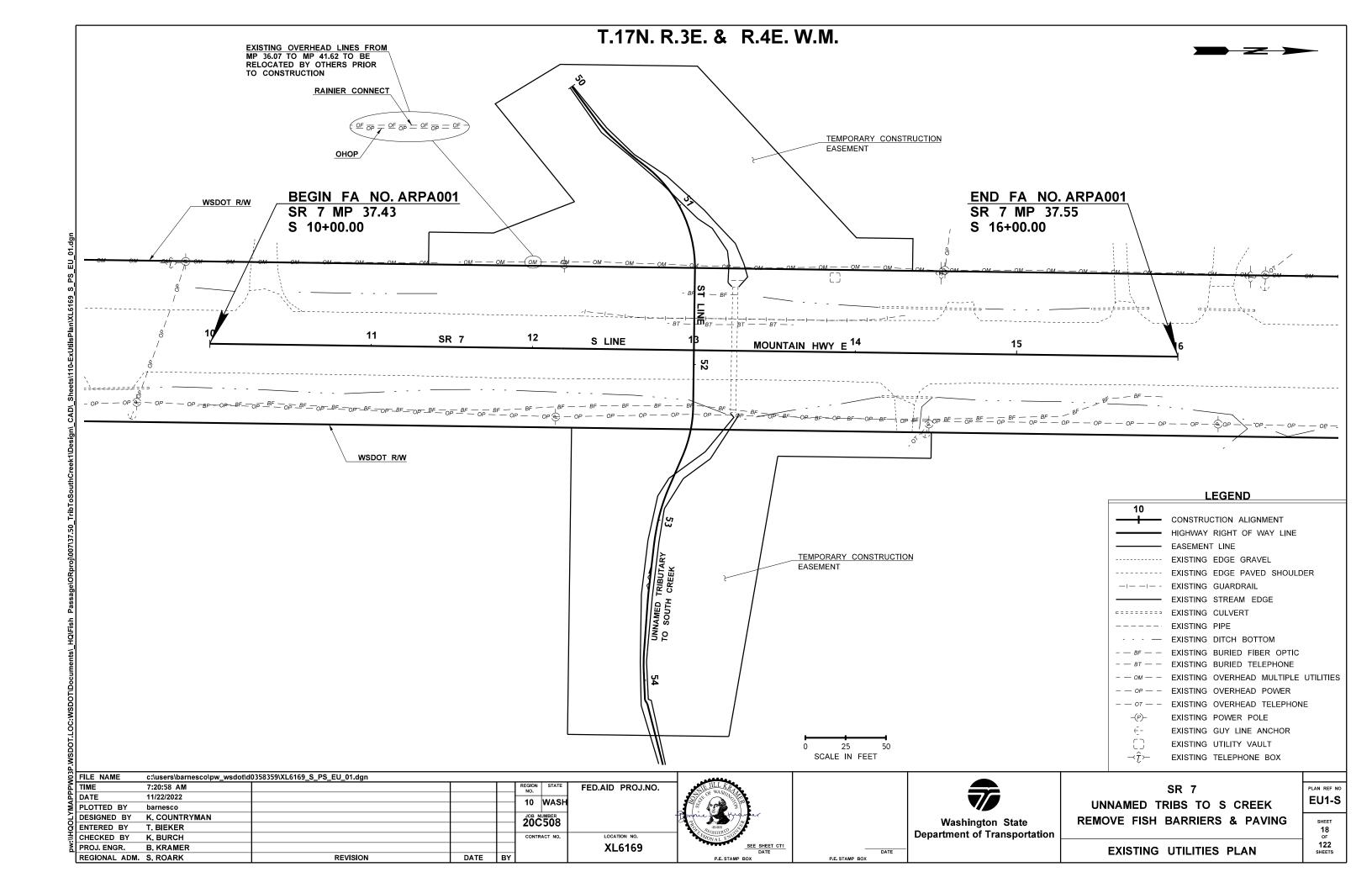
PLAN REF NO

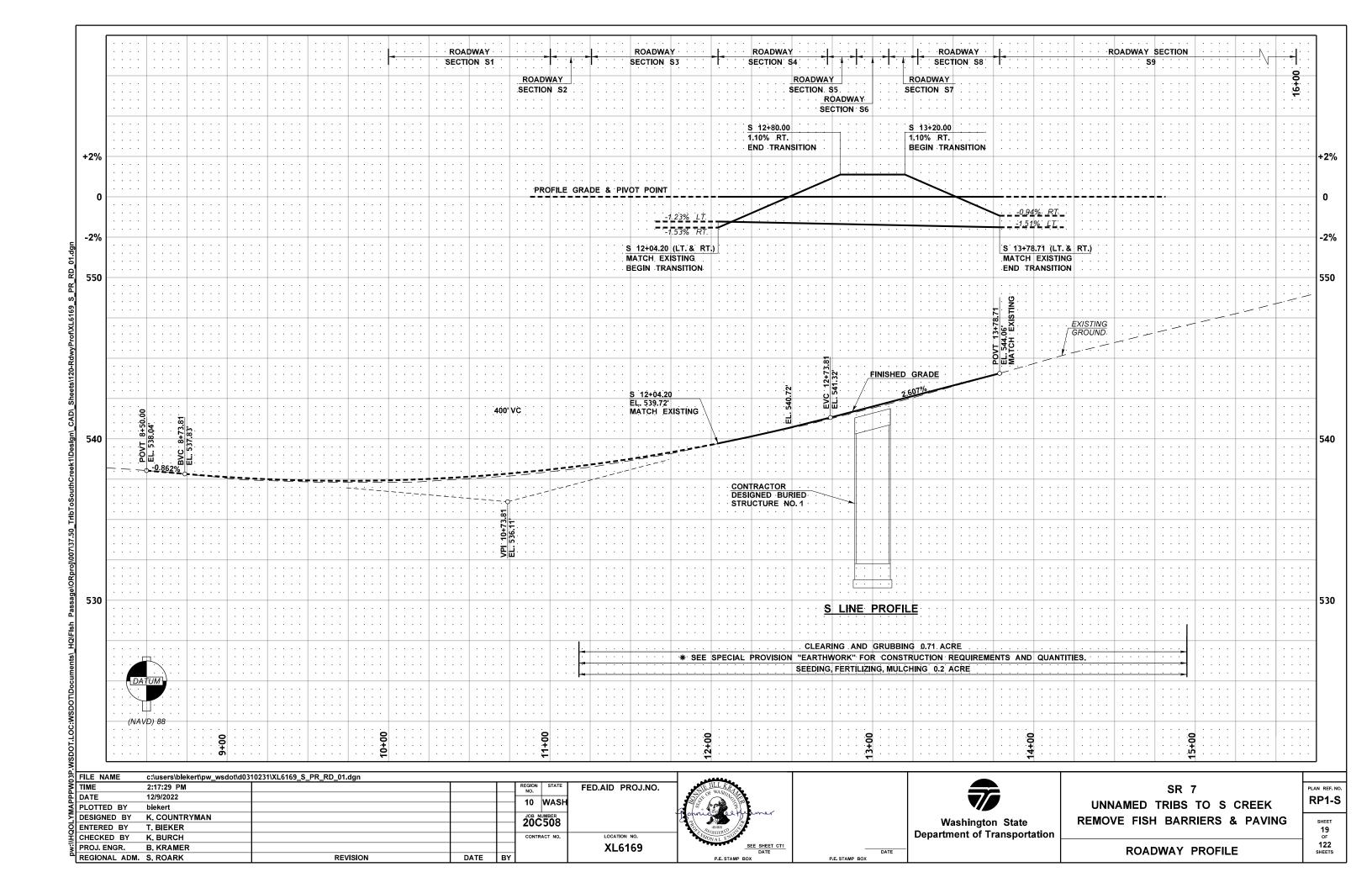


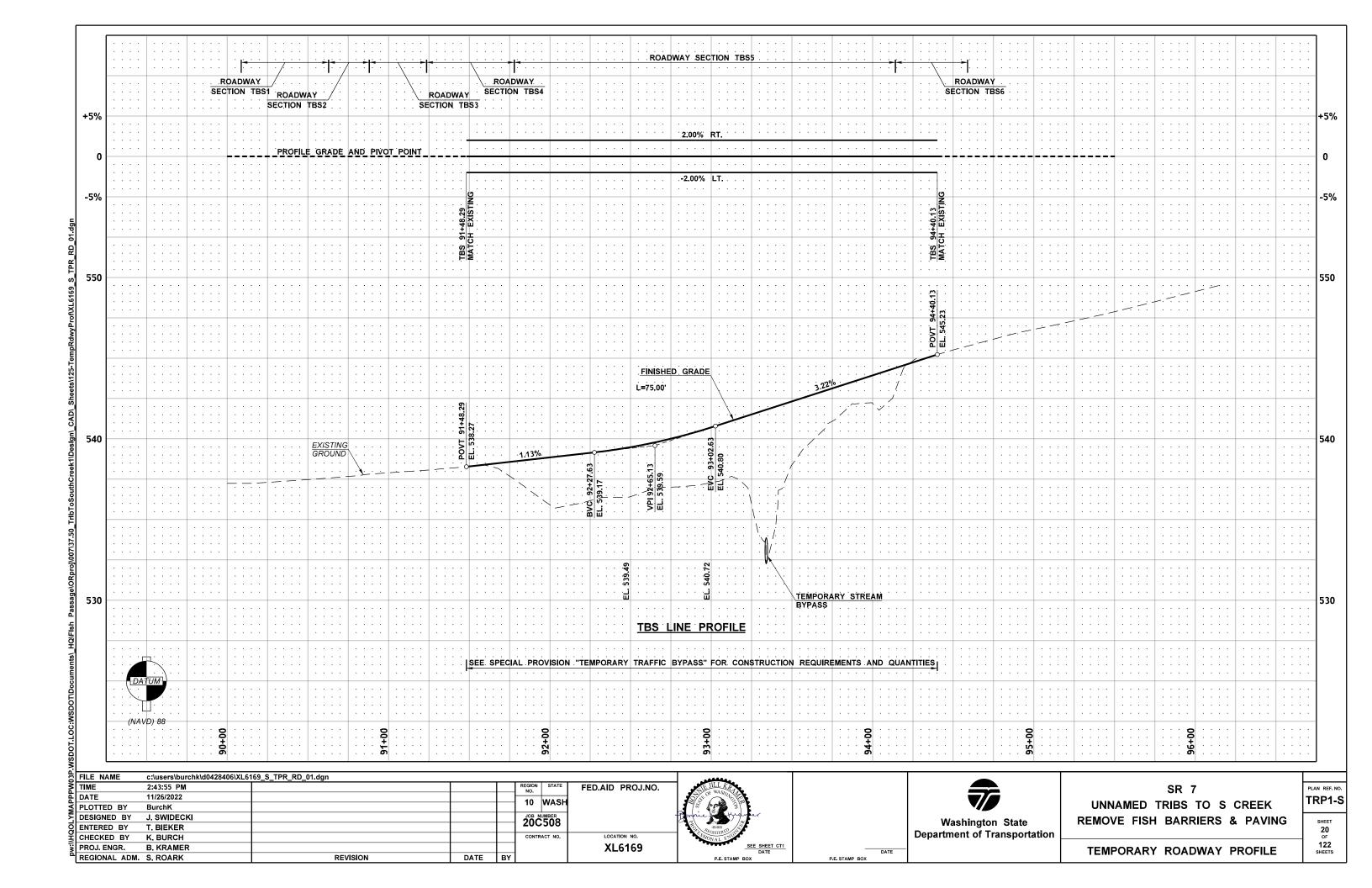


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|--|--|----------|--------------------|---------------------------|---------------------------|-------------------------|--------------|--------------|--------|------|-----|----------|--------------------------|-----------------------|----------|------------------|---|-------------------------------------|
| REFERS TO REFERENC CONSTRUC THE SECON | NUMBER OF THE "CODE" BELOW O THE SHEET NO. OR THE SHEET E NO. SHOWING THE ETION FEATURE. ND NUMBER REFERS TO THE ETION FEATURE FOUND ON THAT | | REMOVING GUARDRAIL | REMOVING GUARDRAIL ANCHOR | | HGH VISIBILITY FENCE | | | | | | | | | | EE GENERAL NOTES | GENERAL NOTES: | |
| SP1-S-1 S 10+8 SP1-S-2 S 12+2 | CATION V \ UNIT OF MEASURE > 84.78 (20.70' LT) TO S 14+59.16 (31.71' L 89.97 (22.53' LT) TO S 14+32.83 (23.67' L 5.74 (18.05' RT) TO S 14+18.16 (48.18' R | Γ) | L.F. 210 | EACH | | 579 547 | | | | | | | | | | 1 1 | 1. SEE STD. PLAN 1-10.10 HIGH VISIBILITY FENCE. | • |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | SHEET TOTA | NL NL | 210 210 | 1 1 | REGION NO. | 1126 1126 STATE | FED. AID I | PROJ. NO. | | | | | | | | | | |
| DESIGNED BY ENTERED BY CHECKED BY PROJ. ENGR. REGION ADM | J. DAO ' K. BURCH B. KRAMER | | REVISION | ВУ | 10 JOB N 200 | WASH UMBER 2508 ACT NO. | ARP/ 007(| A 001 | | | | ₹ | Vashington Department | State t of Transpo | ortation | REI | SR 7 JNNAMED TRIBS TO S CREEK MOVE FISH BARRIERS & PAVING TITY TABULATION - SITE PREPARATION | QTSP1-S SHEET 16 OF 122 SHEETS |

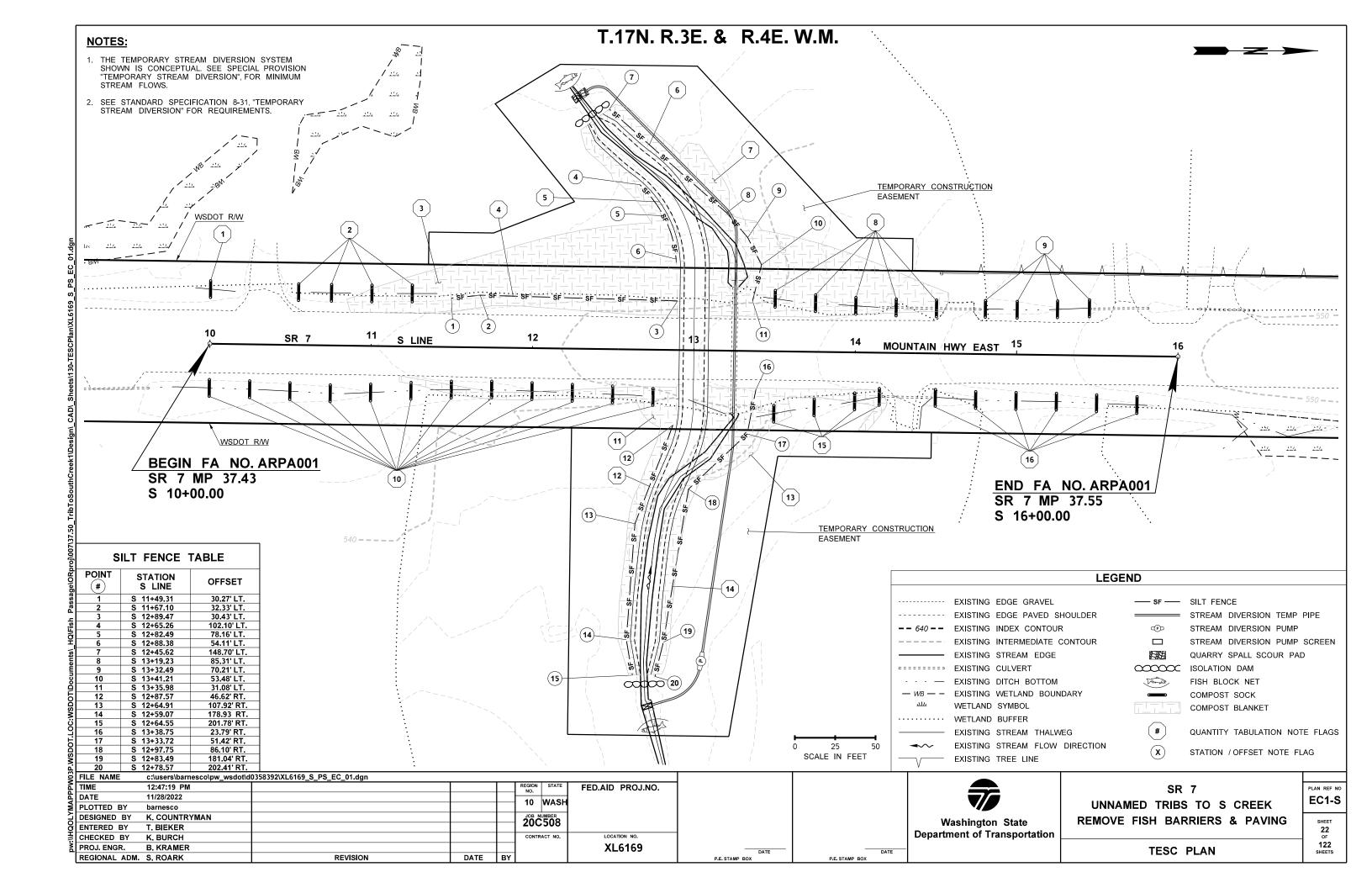




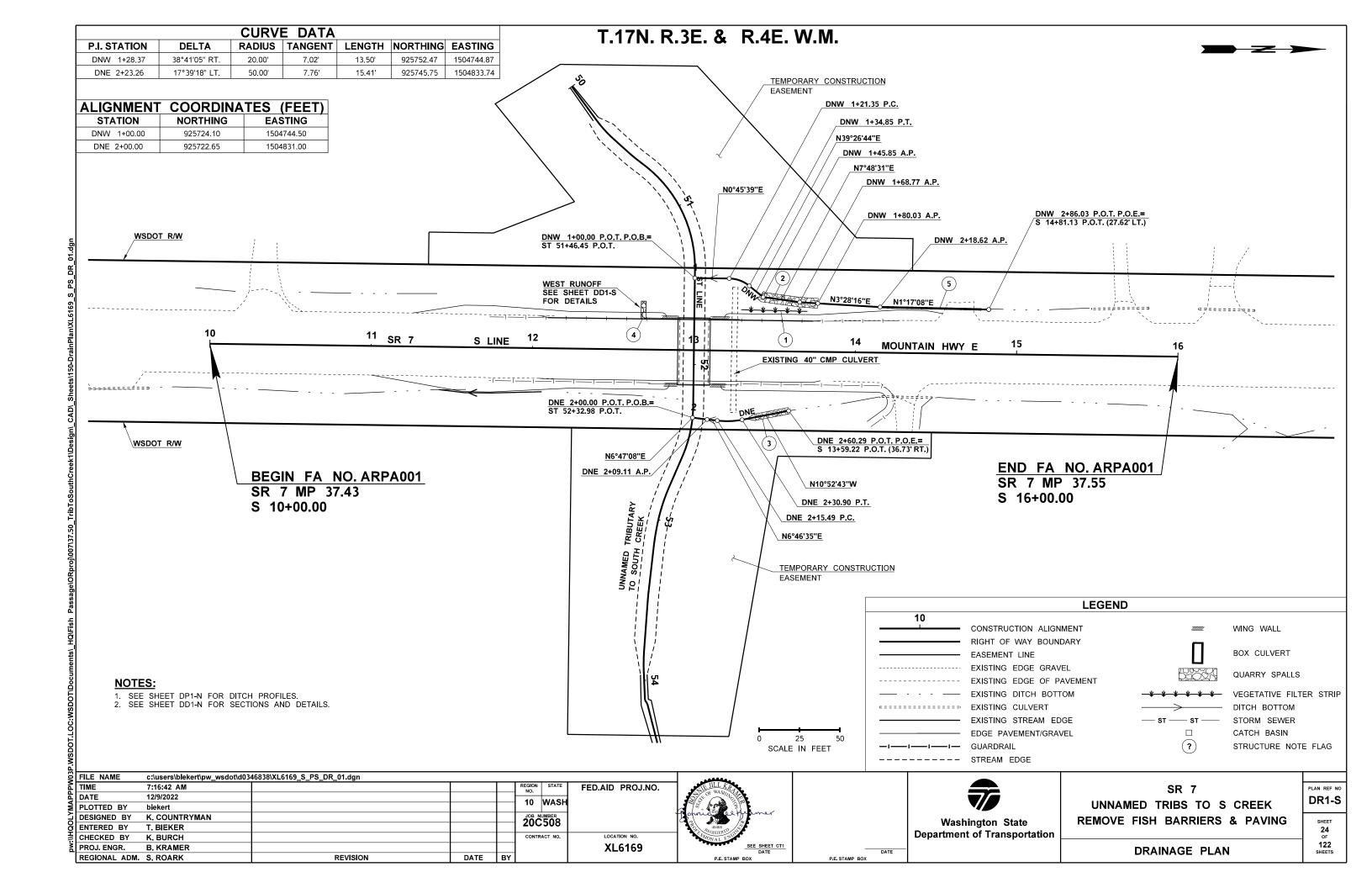


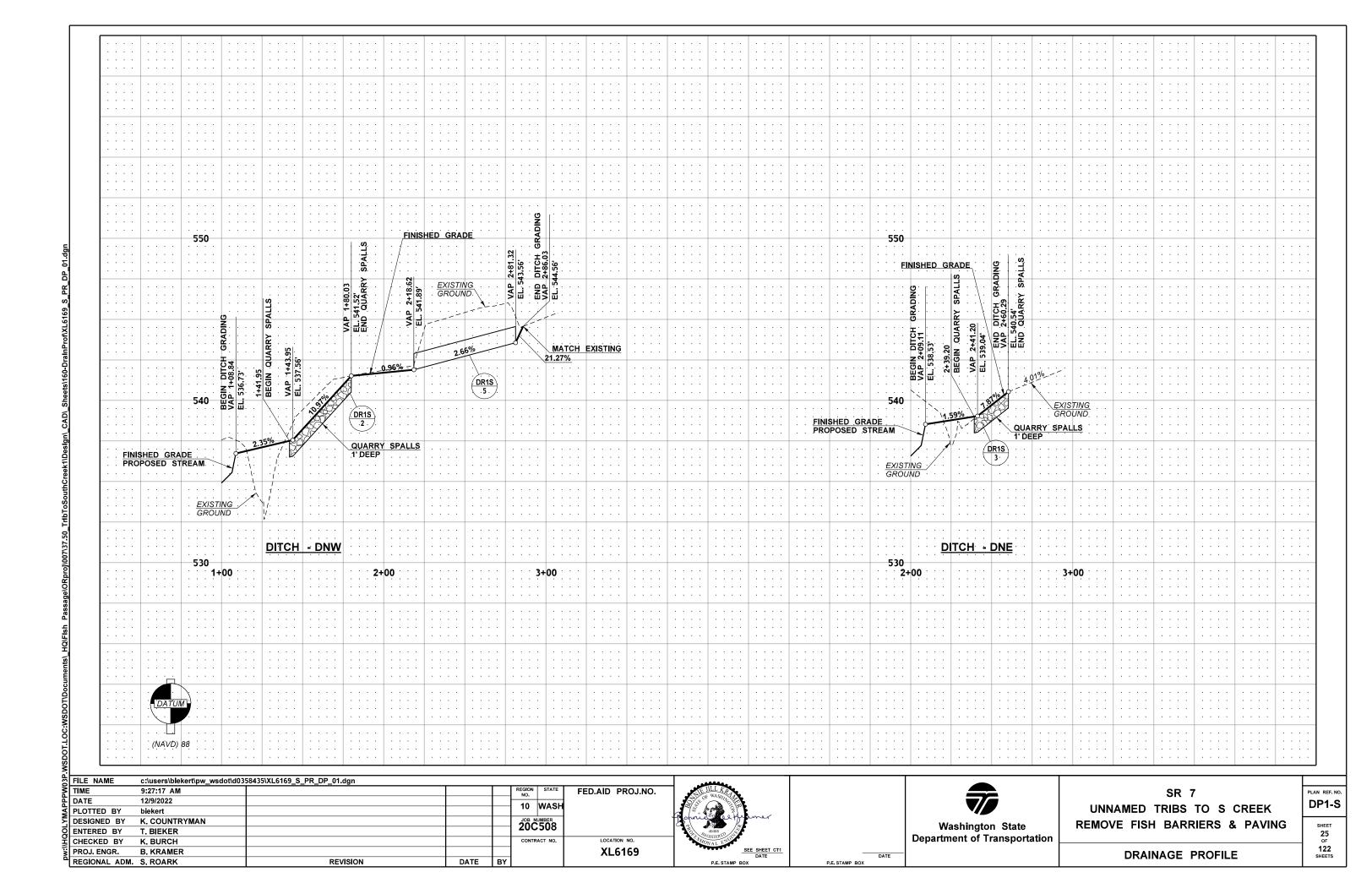


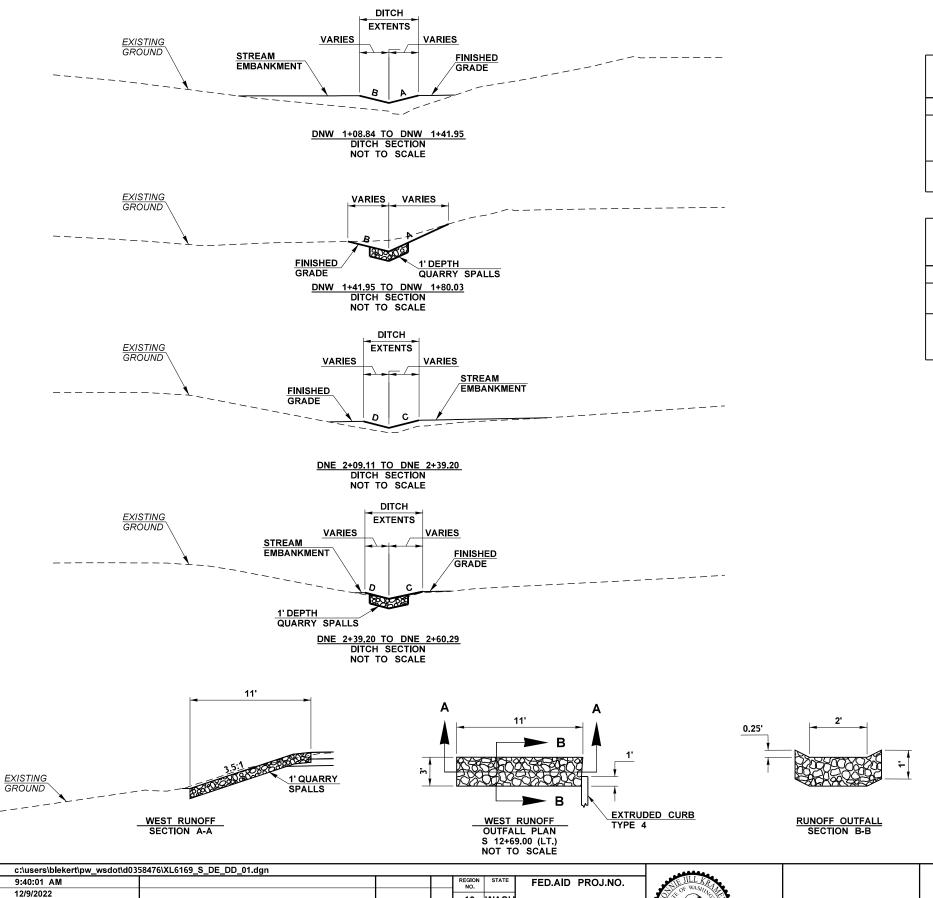
| | | | | QUAN | 1TITY | TAB | ULA | TION | N - TE | SC | | | | | | |
|---|------------|------------------|-----------------|--------------------|------------|-----------|-----|------|--------|----------|-------------------------|----------------------|----------|-------------------|--|-----------|
| NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. | | | | | | | | | | | | | | Ø | GENERAL NOTES: | |
| THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET. | SILT FENCE | COMPOST SOCK | COMPOST BLANKET | | | | | | | | | | | SEE GENERAL NOTES | | |
| CODE LOCATION ✓ \ UNIT OF MEASURE > EC1-S-1 S 10+00.57 EC1-S-2 S 10+53.94 (32.75' LT) to S 11+23.99 (32.59' LT) | L.F. | L.F. 20 80 | S.Y | | | | | | | | | | | 1 1 | 1. SEE STD. PLAN I-30.40, COMPOST SC 2. SEE STD. PLAN 1-30.15, SILT FENCE | OCK |
| EC1-S-3 S 10+84.49 (LT) to S 12+35.79 (LT) EC1-S-4 S 11+49.31 (30.27' RT) to S 12+89.47 (30.43' LT) EC1-S-5 S 12+65.27 (102.01' LT) to S 12+88.38 (54.11' LT) | 140 55 | | 970 | | | | | | | | | | | 2 2 | | |
| EC1-S-6 S 12+45.62 (148.70' LT) to S 13+35.98 (31.08' LT) EC1-S-7 S 12+38.79 (LT) to S 14+57.51 (LT) | 159 | | 897 | | | | | | | | | | | 2 | | |
| ECI-S-7 S 12+36.79 (L1) to S 14+37.31 (L1) EC1-S-8 S 13+49.75 (32.67' LT) to S 14+49.84 (27.96' LT) EC1-S-9 S 14+80.10 (27.92' LT) to S 15+44.83 (29.19' LT) EC1-S-10 S 10+01.11 (28.13' RT) to S 12+74.81 (29.22' RT) | | 100 80 240 | 997 | | | | | | | | | | | 1 1 1 | - - - | |
| EC1-S-11 S 11+17.74 (RT) to S 12+69.59 (RT) | 160 | 240 | 345 | | | | | | | | | | | | - | |
| EC1-S-12 S 12+87.57 (46.62' RT) to S 12+64.55 (201.78' RT) EC1-S-13 S 12+73.70 (RT) to S 14+19.75 (RT) EC1-S-14 S 12+78.57 (202.41' RT) to S 13+38.75 (23.79' RT) EC1-S-15 S 13+49.42 (38.84' RT) to S 14+15.04 (27.51' RT) | 160 | 80 | 446 | | | | | | | | | | | 2 2 1 | - - - | |
| EC1-S-16 S 14+49.75(27.59' RT) to S 15+74.69 (30.05' RT) | | 80 | | | | | | | | | | | | 1 | - - - | |
| | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | |
| SHEET TOTAL PROJECT TOTAL | 710 710 | 680 680 | 265 265 | 3 | | | | | | | | | | | - | |
| DESIGNED BY T. KELLY | | | REGION 10 | | FED. AID I | PROJ. NO. | | | | | | | | | SR 7 UNNAMED TRIBS TO S CREEK | QTE |
| NTERED BY T. KELLY HECKED BY K. BURCH ROJ. ENGR. B. KRAMER | | | | B NUMBER 20C508 | ARPA 001 | 007 (032) | | | | 7 | Washingtor Departmen | State t of Transp | ortation | | MOVE FISH BARRIERS & PAVING | SH 2 |
| REGION ADM. S. ROARK DATE DATE | | REVISION | BY | NTRACT NO. | | | | | | | | | | | QUANTITY TABULATION - TESC | 12 SHE |



| | | | STRU | CTURE N | OTES - DRAIN | AGE | | |
|--|---------------|--|----------------------|----------|--------------|---|--|---------------------|
| NOTE: THE FIRST NUMBER OF THE "CODE DESIGNATION" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE DRAINAGE FEATURE. THE SECOND NUMBER REFERS TO THE DRAINAGE FEATURE FOUND ON THAT SHEET. | QUARRY SPALLS | CL. IV REINF. CONC. CULV. PIPE 12 IN. DIAM. | CAVFS | | | | GENERAL NOTES: | |
| DR1-S-1 S 13+29.00 (24.00' LT) to S 13+70.00 (23.50' LT) DR1-S-2 S 13+40.87 (34.72' LT) to S 13+76.43 (30.07' LT) DR1-S-3 S 13+38.58 (40.98' RT) to S 13+59.23 (36.73' RT) DR1-S-4 S 12+65.80 (19.00' LT) to S 12+70.00 (19.00' LT) DR1-S-5 S 14+14.97 (27.74 LT) TO S 14+77.67 (27.17 LT) | TON 2 12 5 | 63 63 | S.Y. 19 | | | | 1,3 2 2 2 2 3 4 4 5 2 1. SEE SHEET DD2-S FOR CAVFS DETAILS. 2. SEE SHEET DD1-S FOR DRAINAGE DETAILS. 3. SEE SPECIAL PROVISION "CAVFS". 4. SEE STD PLAN B-55.20, PIPE ZONE BEDDING AND BACKFILL. | |
| SHEET TOTAL PROJECT TOTAL | 19 19 | 63 63 | 19 19 | | | | | |
| DESIGNED BY J. CURTIS ENTERED BY J. CURTIS CHECKED BY K. BURCH | | | 10 WASH JOB NUMBER | ARPA001 | | Washington State Department of Transportation | SR 7 UNNAMED TRIBS TO S CREEK REMOVE FISH BARRIERS & PAVING | SN1-S SHEET 23 |
| PROJ. ENGR. B. KRAMER REGION ADM. S. ROARK DATE DATE | REVISION | ВҮ | 20C508 CONTRACT NO. | 007(032) | | - Population of Halisportation | STRUCTURE NOTES - DRAINAGE | OF 122 SHEETS |







10 WASH

20C508

CONTRACT NO.

DATE BY

REVISION

LOCATION NO.

XL6169

SEE SHEET CT1
DATE

FILE NAME

PLOTTED BY

DESIGNED BY

ENTERED BY

PROJ. ENGR.

CHECKED BY K. BURCH

REGIONAL ADM. S. ROARK

biekert

K. BURCH

T. BIEKER

B. KRAMER

TIME

DATE

| | | E TRANSITION TO PR STREAM EMBA | |
|---|-------------|-----------------------------------|-----------------------|
| | | STATION | SLOPE |
| | | DNW 1+08.84 TO DNW 1+35.00 | 4:1 |
| A | FORESLOPE | DNW 1+35.00 TO DNW 1+45.00 | 4:1 TO 2:1 |
| | | DNW 1+45.00 TO DNW 1+80.03 | 2:1 TO MATCH EXISTING |
| В | B BACKSLOPE | DNW 1+08.84 TO DNW 1+45.00 | 4:1 |
| | DACKSLUPE | DNW 1+45.00 TO DNW 1+80.03 | 4:1 TO MATCH EXISTING |

| | DNE SLOPE TRANSITION TO MATCH EXISTING OR STREAM EMBANKMENT | | | | | | | | | |
|---|---|----------------------------|-----------------------|--|--|--|--|--|--|--|
| | STATION SLOPE | | | | | | | | | |
| С | FORESLOPE | DNE 2+09.11 TO DNE 2+52.90 | 4:1 | | | | | | | |
| ر | FURESLUPE | DNE 2+52.90 TO DNE 2+60.29 | 4:1 TO 2:1 | | | | | | | |
| | | DNE 2+09.11 TO DNE 2+40.00 | 4:1 | | | | | | | |
| D | BACKSLOPE | DNE 2+40.00 TO DNE 2+45.00 | 4:1 TO 6:1 | | | | | | | |
| | | DNE 2+45.00 TO DNE 2+60.29 | 6:1 TO MATCH EXISTING | | | | | | | |



DATE

| | SR 7 | | |
|-------------|---------|-----------|---|
| UNNAMED T | RIBS TO | S CREEK | |
| REMOVE FISH | BARRIER | S & PAVIN | G |

DRAINAGE DETAILS

SHEET

26

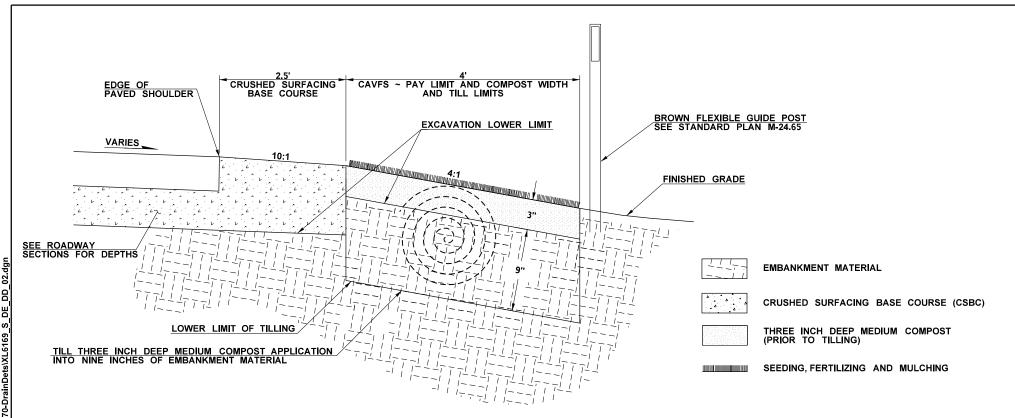
OF

122

SHEETS

PLAN REF NO

DD1-S



COMPOST AMENDED VEGETATED FILTER STRIP (CAVFS)

RIGHT SIDE SHOWN, MIRROR FOR LEFT SIDE SEE SPECIAL PROVISION "ROADSIDE RESTORATION" NOT TO SCALE



NOTES:

SEE SHEET SN1-S FOR CAVFS LOCATION AND QUANTITIES.
 SEE SHEET QTPV1-S FOR PLASTIC DRAINAGE MARKING

FOR STORMWATER BMP LOCATION AND QUANTITIES.

3. SEE SHEET PV1-S FOR GUIDEPOST LOCATION AND QUANTITIES.

4. SEE STD PLAN M-24.65 FOR ADDITIONAL DETAILS.

WSDOT STORMWATER BMP STICKER

SEE STANDARD PLAN M-24.65 FOR DETAILS NOT SHOWN

NOT TO SCALE

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| 4 | DATE | 12/9/2022 | | | | | VA/A CLI | | |
| ₹ | PLOTTED BY | biekert | | | | 10 | WASH | | T 7 |
| Ž | DESIGNED BY | K. BURCH | | | | | UMBER | ` | Por |
| g | DESIGNED BY ENTERED BY | T. BIEKER | | | | 200 | 508 | | 3 (S) |
| ₹ | CHECKED BY | K. BURCH | | | | CONTR | ACT NO. | LOCATION NO. | نو |
| | PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | |
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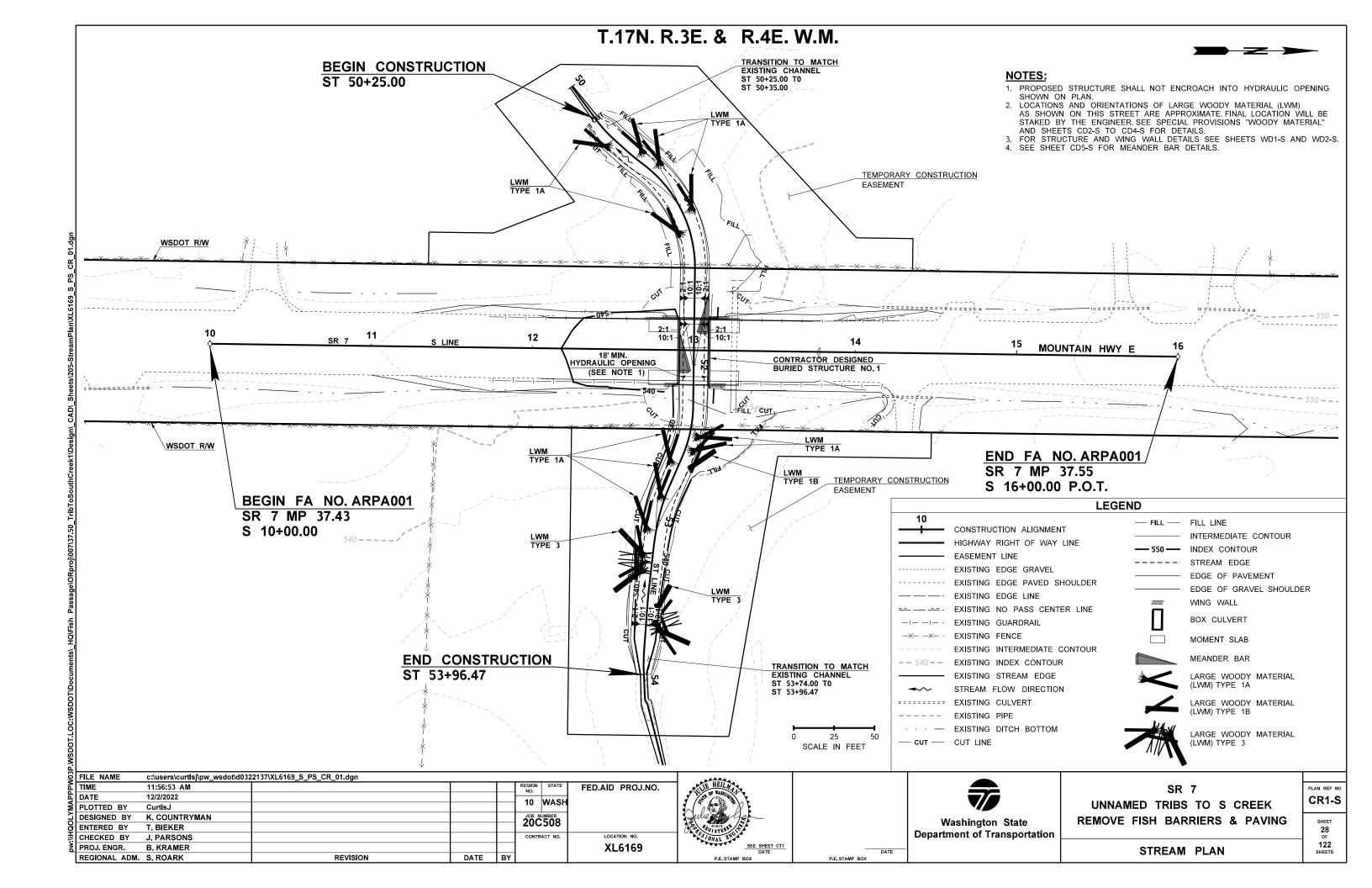


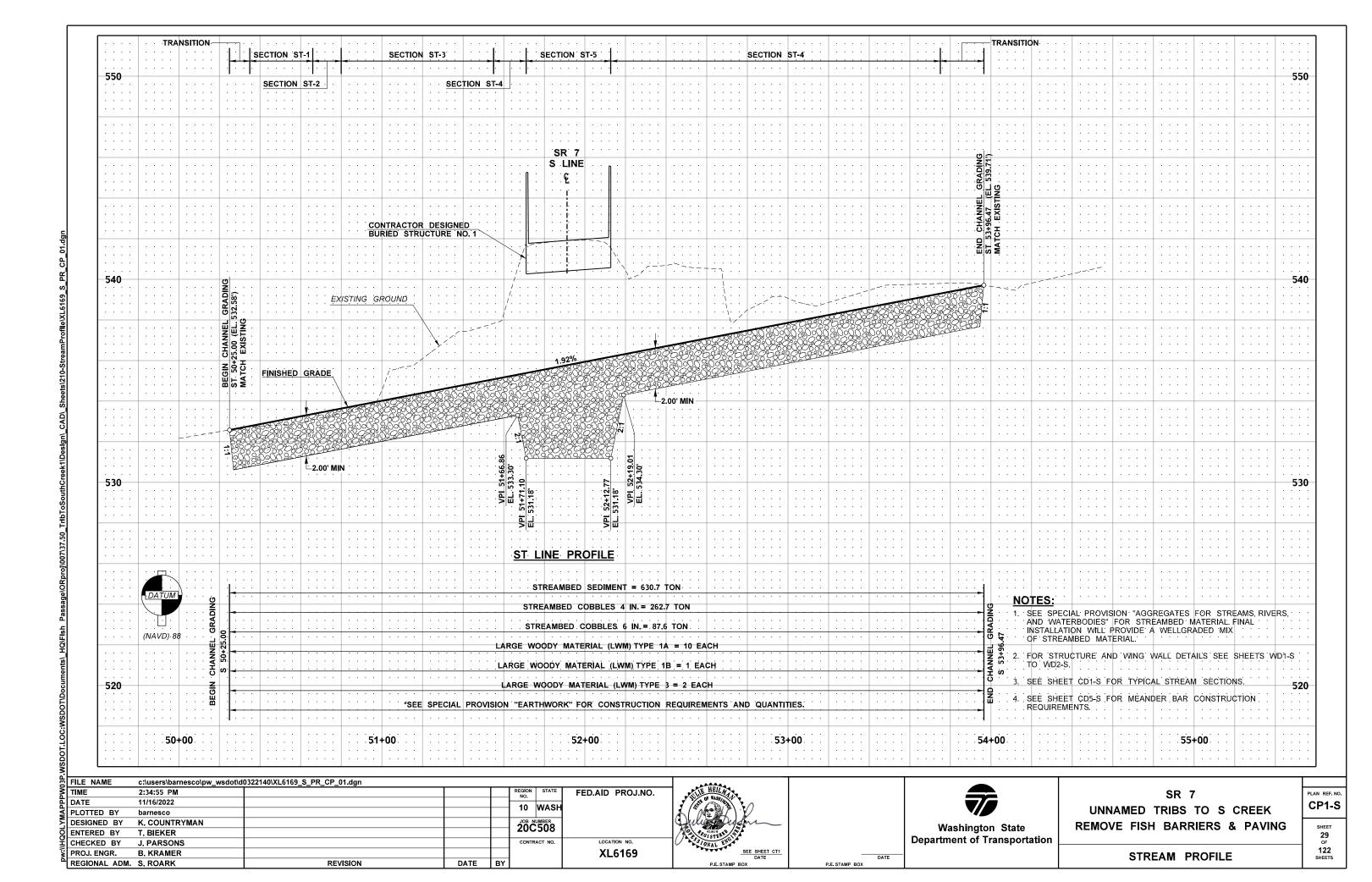
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| | UNNAMED TRIBS TO S CREEK |
| hington State | REMOVE FISH BARRIERS & PAVING |

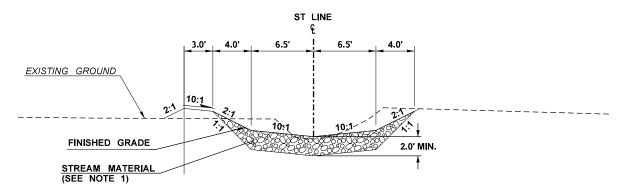
CAVFS DETAILS

DD2-S

SHEET
27
OF

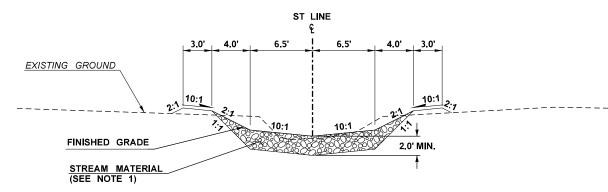






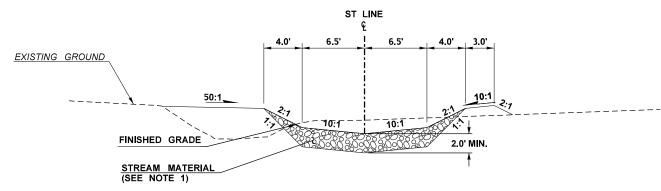
STREAM SECTION ST-1

STATIONST 50+25.00 TO ST 50+66.00



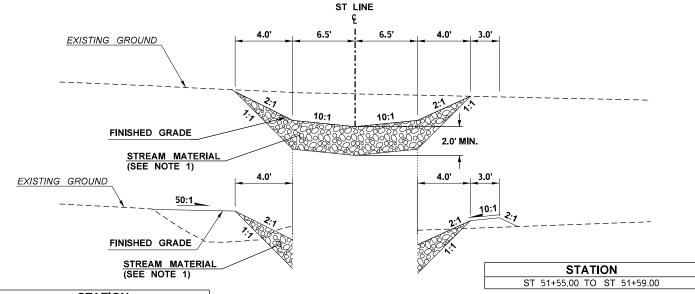
STREAM SECTION ST-2

STATIONST 50+66.00 TO ST 50+80.00



STREAM SECTION ST-3

STATIONST 50+80.00 TO ST 51+55.00



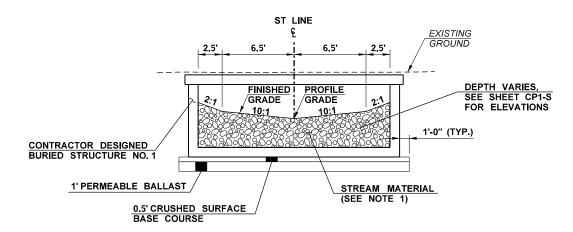
STATIONST 52+28.00 TO ST 52+68.00

STREAM SECTION ST-4

STATION

ST 51+55.00 TO ST 51+71.10

ST 52+12.77 TO ST 53+96.47



STREAM SECTION ST-5

STATIONST 51+71.10 TO ST 52+12.77

NOTES:

- 1. ALL STREAMBED MATERIAL SHALL BE INSTALLED IN 1-FOOT LIFTS. CONTRACTOR SHALL FOLLOW DETAIL(S) "STREAMBED MATERIAL PLACEMENT SEQUENCE OF WORK". SEE SHEET CD1A-S.
- 2. SEE SPECIAL PROVISIONS "AGGREGATE FOR STREAMS, RIVERS, AND WATERBODIES" FOR STREAMBED MATERIAL. FINAL INSTALLATION WILL PROVIDE A WELL GRADED MIX OF STREAMBED MATERIAL.

| 3 | FILE NAME | c:\users\blekert\pw_wsdot\d03 | 22143\XL6169_S_PS_CD_01.dgn | | | | | | |
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| ţ | DATE | 11/16/2022 | | | | | WASH | | لو ا |
| Š | PLOTTED BY | biekert | | | | 10 | WASH | | 1 |
| וַבַ | DESIGNED BY | K. COUNTRYMAN | | | | JOB N | UMBER 508 | | 16 |
| ᆌ | ENTERED BY | T. BIEKER | | | | 200 | ן סטכי | | 3 |
| 1 | CHECKED BY | J. HEILMAN | | | | CONTR | ACT NO. | LOCATION NO. | 1 / |
| <u>≷</u> | PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | " |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



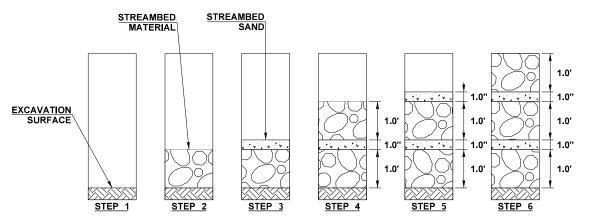


SR 7 UNNAMED TRIBS TO S CREEK REMOVE FISH BARRIERS & PAVING

STREAM DETAILS

30 or 122 sheets

PLAN REF NO CD1-S



STREAMBED MATERIAL PLACEMENT SEQUENCE OF WORK

NOT TO SCALE

STREAMBED CHANNEL PREPARATION

EXCAVATE CHANNEL TO ACCOMODATE STREAMBED MATERIAL.

PLACE 1.0'LIFT OF STREAMBED MATERIAL.

PLACE A LAYER OF STREAMBED SAND UNIFORMLY OVER STREAMBED MATERIAL APPLY WATER TO STREAMBED SAND. SEE NOTE 1.

STEP 4 (REPEAT STEP 2)

STEP 5

(REPEAT STEP 3)

PLACE REMAINING ~1.0'LIFT OF STREAMBED MATERIAL. GRADE AS SHOWN IN STREAMBED SECTION DETAILS. SEE NOTE 2.

DETAIL NOTES:

- APPLY WATER TO SAND LAYERS TO FACILITATE FILLING INTERSTITIAL VOIDS. SEE SPECIAL PROVISIONS "AGGREGATES FOR STREAMS, RIVERS, AND WATERBODIES" FOR MORE DETAILS.
- 2. FOR AREAS OF STREAM CHANNEL THAT EXCEED 3.0'IN DEPTH, ADDITIONAL LAYERS MAY BE REQUIRED. REPEAT STEPS AS NECESSARY.

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| DATE | 11/16/2022 | | | | | WASH | | |
| PLOTTED BY | biekert | | | | 10 | WASH | | Ŀ |
| DESIGNED BY | K. COUNTRYMAN | | | | JOB | C508 | | (|
| ENTERED BY | T. BIEKER | | | | 200 | 200 | | L |
| CHECKED BY | J. HEILMAN | | | | CONTI | RACT NO. | LOCATION NO. | 1 |
| PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



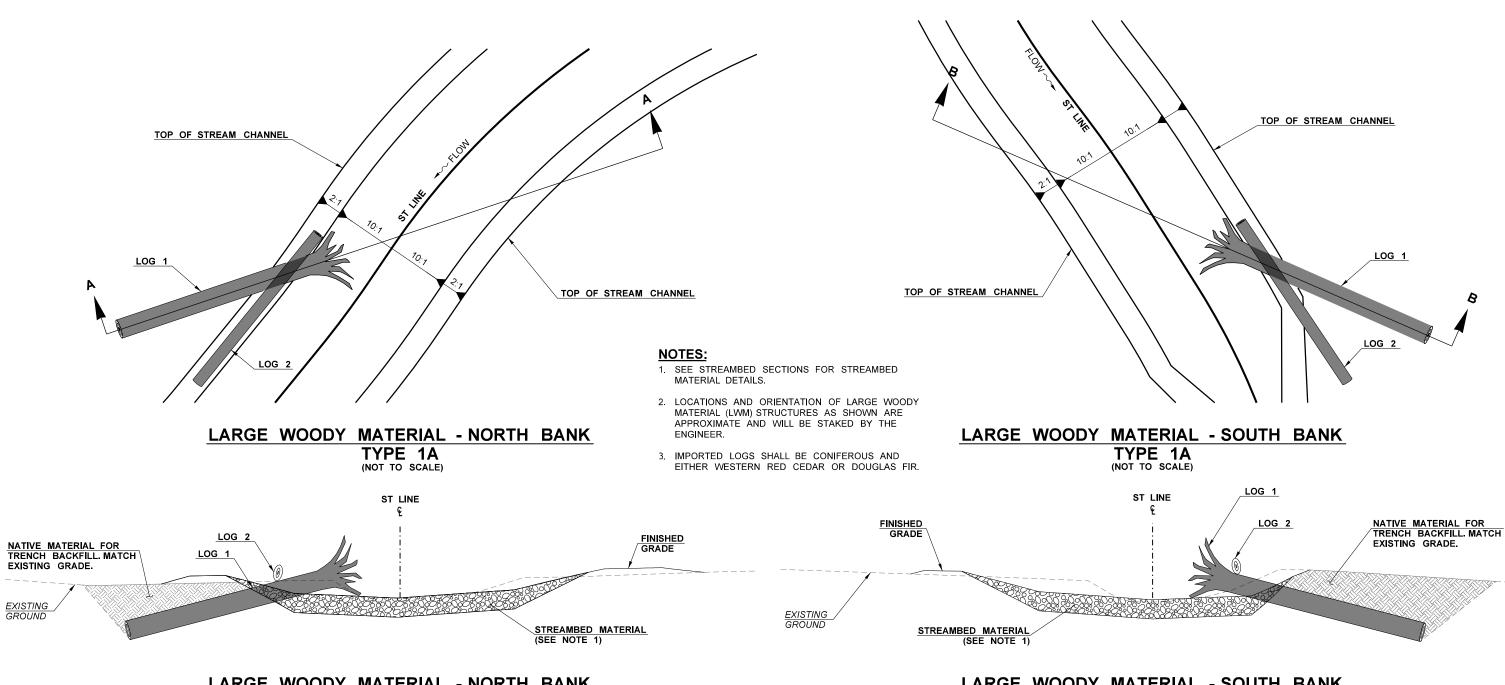


SR 7 UNNAMED TRIBS TO S CREEK REMOVE FISH BARRIERS & PAVING

STREAM DETAILS

SHEET 31 122 SHEETS

CD1A-S



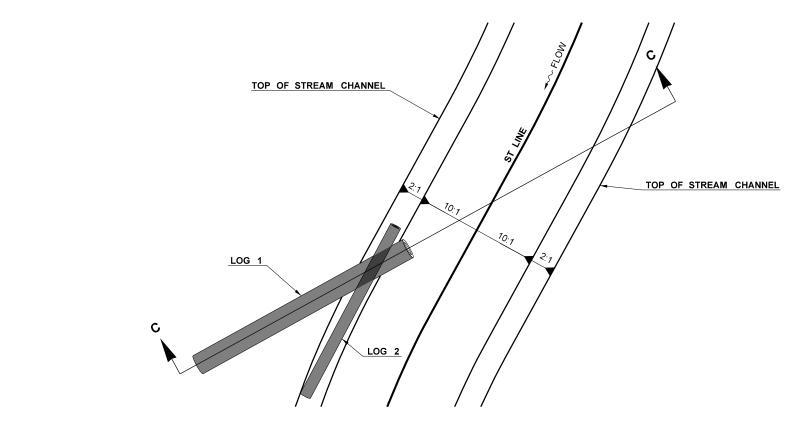
LARGE WOODY MATERIAL - NORTH BANK TYPE 1A SECTION A-A (NOT TO SCALE)

| | LARGE WOODY MATERIAL TYPE 1A | | | | | | | | | |
|-----|---|-------|-----------|--------------------------------|--|--|--|--|--|--|
| LOG | LOG DESCRIPTION | LAYER | TREE TYPE | NOTES | | | | | | |
| 1 | 20'LONG, 24" - 30" DBH KEY LOG WITH ROOTWAD | 1 | CONIFER | BURY 2/3 INTO BANK | | | | | | |
| 2 | 20' LONG, 12" - 24" DBH PIN LOG | 2 | DECIDUOUS | BURY PIN LOG AT >60° ELEVATION | | | | | | |

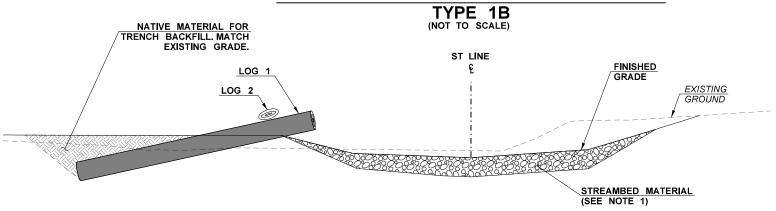
LARGE WOODY MATERIAL - SOUTH BANK TYPE 1A SECTION B-B (NOT TO SCALE)

| | LARGE WOODY MATERIAL TYPE 1A | | | | | | | | | | |
|-----|---|-------|-----------|--------------------------------|--|--|--|--|--|--|--|
| LOG | LOG DESCRIPTION | LAYER | TREE TYPE | NOTES | | | | | | | |
| 1 | 20'LONG, 24" - 30" DBH KEY LOG WITH ROOTWAD | 1 | CONIFER | BURY 2/3 INTO BANK | | | | | | | |
| 2 | 20'LONG, 12" - 24" DBH PIN LOG | 2 | DECIDUOUS | BURY PIN LOG AT >60° ELEVATION | | | | | | | |

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| ≥ PLOTTED BY | biekert | | 10 8 | АЭП | | | | UNNAMED TRIBS TO S CREEK | 0020 |
| DESIGNED BY | J. PARSONS | | 20C5 | ER NO | Julia Dielin | | Washington State | REMOVE FISH BARRIERS & PAVING | SHEET |
| ENTERED BY | T. BIEKER | | 2003 | 00 | 1819 00 18TE | | 3 | | 32 |
| E CHECKED BY | J. HEILMAN | | CONTRACT | ····· | SEE SHEET CT1 | | Department of Transportation | | OF |
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LARGE WOODY MATERIAL - NORTH BANK



LARGE WOODY MATERIAL - NORTH BANK TYPE 1B SECTION C-C (NOT TO SCALE)

| | LARGE WOODY MATERIAL TYPE 1B | | | | | | | | | | | |
|-----|--|-------|-------------------|--------------------------------|--|--|--|--|--|--|--|--|
| LOG | LOG DESCRIPTION | LAYER | TREE TYPE | NOTES | | | | | | | | |
| 1 | 20'LONG, 24" - 38" DBH KEY LOG WITHOUT ROOTWAD | 1 | CONIFER/DECIDUOUS | BURY 2/3 INTO BANK | | | | | | | | |
| 2 | 20'LONG, 12" - 24" DBH PIN LOG | 2 | DECIDUOUS | BURY PIN LOG AT >60° ELEVATION | | | | | | | | |

NOTES:

- SEE STREAMBED SECTIONS FOR STREAMBED MATERIAL DETAILS.
- 2. LOCATIONS AND ORIENTATION OF LARGE WOODY MATERIAL (LWM) STRUCTURES AS SHOWN ARE APPROXIMATE AND WILL BE STAKED BY THE ENGINEER
- 3. IMPORTED LOGS SHALL BE CONIFEROUS AND EITHER WESTERN RED CEDAR OR DOUGLAS FIR.

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| 3 | ENTERED BY | T. BIEKER | | | | 200 | JUO | | 7 |
| ۶ | CHECKED BY | J. HEILMAN | | | | CONTR | ACT NO. | LOCATION NO. | V |
| ₹ | PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | |
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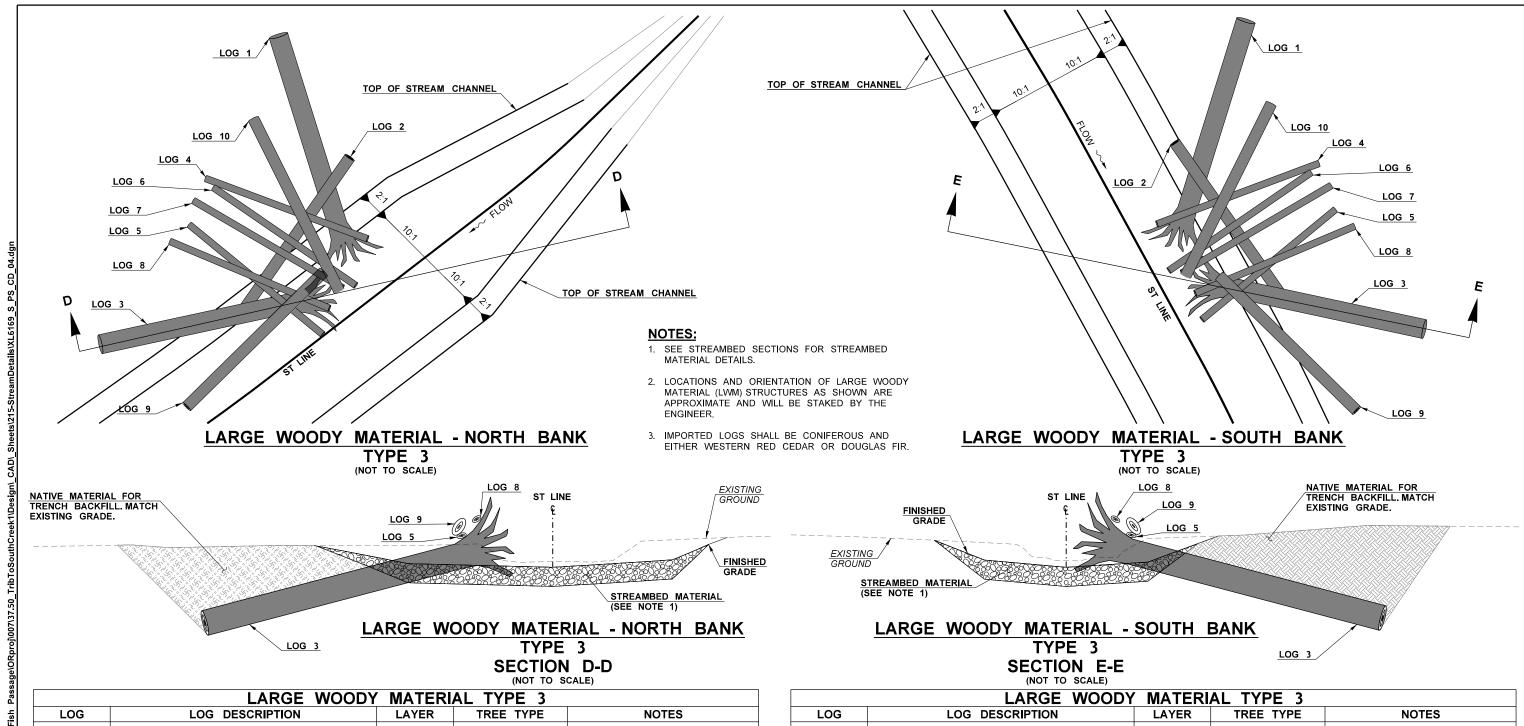
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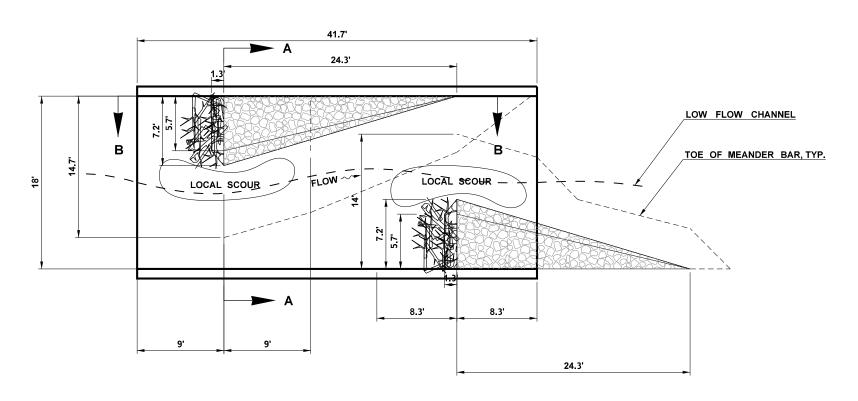
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| | LARGE WOODY | MATERI | AL TYPE 3 | |
|-----|--|--------|-------------------|--------------------------------|
| LOG | LOG DESCRIPTION | LAYER | TREE TYPE | NOTES |
| 1 | 20' LONG, 24" - 38" DBH KEY LOG WITH ROOTWAD | 1 | CONIFER | BURY 2/3 INTO BANK |
| 2 | 20' LONG, 12" - 24" DBH PIN LOG | 2 | CONIFER/DECIDUOUS | BURY PIN LOG AT >60° ELEVATION |
| 3 | 20' LONG, 24" - 38" DBH KEY LOG WITH ROOTWAD | 1 | CONIFER | BURY 2/3 INTO BANK |
| 4 | 20' LONG, 6" - 8" RACKING LOG | 3 | CONIFER | UNBURIED, PINNED BY LOGS |
| 5 | 20' LONG, 6" - 8" RACKING LOG | 2 | CONIFER | UNBURIED, PINNED BY LOGS |
| 6 | 20' LONG, 6" - 8" RACKING LOG | 3 | CONIFER | UNBURIED, PINNED BY LOGS |
| 7 | 20' LONG, 6" - 8" RACKING LOG | 3 | CONIFER/DECIDUOUS | UNBURIED, PINNED BY LOGS |
| 8 | 20' LONG, 6" - 8" RACKING LOG | 2 | CONIFER/DECIDUOUS | UNBURIED, PINNED BY LOGS |
| 9 | 20' LONG, 12" - 24" DBH PIN LOG | 3 | CONIFER/DECIDUOUS | BURY PIN LOG AT >60° ELEVATION |
| 10 | 20' LONG, 12" - 24" DBH PIN LOG | 4 | CONIFER/DECIDUOUS | BURY PIN LOG AT >60° ELEVATION |
| | | | | |

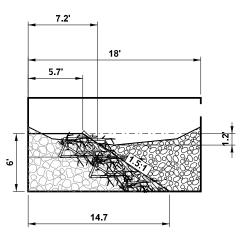
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| | LARGE WOODY MATERIAL TYPE 3 | | | | | | | | | | | | |
| LOG | LOG DESCRIPTION | LAYER | TREE TYPE | NOTES | | | | | | | | | |
| 1 | 20' LONG, 24" - 38" DBH KEY LOG WITH ROOTWAD | 1 | CONIFER | BURY 2/3 INTO BANK | | | | | | | | | |
| 2 | 20'LONG, 12" - 24" DBH PIN LOG | 2 | CONIFER/DECIDUOUS | BURY PIN LOG AT >60° ELEVATION | | | | | | | | | |
| 3 | 20' LONG, 24" - 38" DBH KEY LOG WITH ROOTWAD | 1 | CONIFER | BURY 2/3 INTO BANK | | | | | | | | | |
| 4 | 20' LONG, 6" - 8" RACKING LOG | 3 | CONIFER | UNBURIED, PINNED BY LOGS | | | | | | | | | |
| 5 | 20' LONG, 6" - 8" RACKING LOG | 2 | CONIFER | UNBURIED, PINNED BY LOGS | | | | | | | | | |
| 6 | 20' LONG, 6" - 8" RACKING LOG | 3 | CONIFER | UNBURIED, PINNED BY LOGS | | | | | | | | | |
| 7 | 20' LONG, 6" - 8" RACKING LOG | 3 | CONIFER/DECIDUOUS | UNBURIED, PINNED BY LOGS | | | | | | | | | |
| 8 | 20' LONG, 6" - 8" RACKING LOG | 2 | CONIFER/DECIDUOUS | UNBURIED, PINNED BY LOGS | | | | | | | | | |
| 9 | 20'LONG, 12" - 24" DBH PIN LOG | 3 | CONIFER/DECIDUOUS | BURY PIN LOG AT >60° ELEVATION | | | | | | | | | |
| 10 | 20' LONG, 12" - 24" DBH PIN LOG | 4 | CONIFER/DECIDUOUS | BURY PIN LOG AT >60° ELEVATION | | | | | | | | | |

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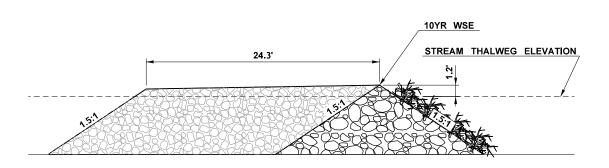


MEANDER BAR **PLAN**

(NOT TO SCALE)



MEANDER BAR SECTION A-A



MEANDER BAR SECTION B-B

LEGEND



STREAMBED MATERIAL MEANDER BAR HEAD MATERIAL MEANDER BAR TAIL MATERIAL

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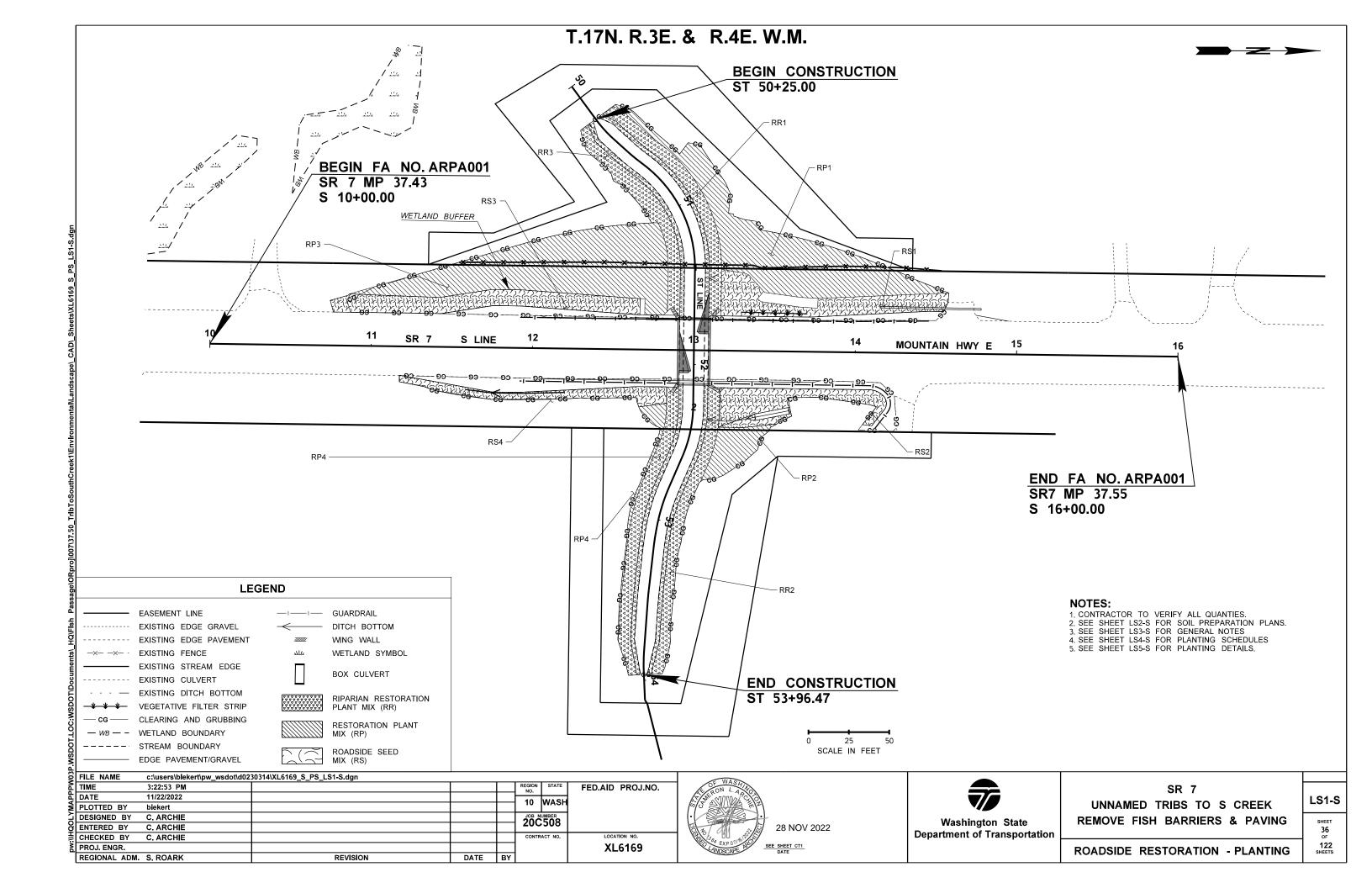


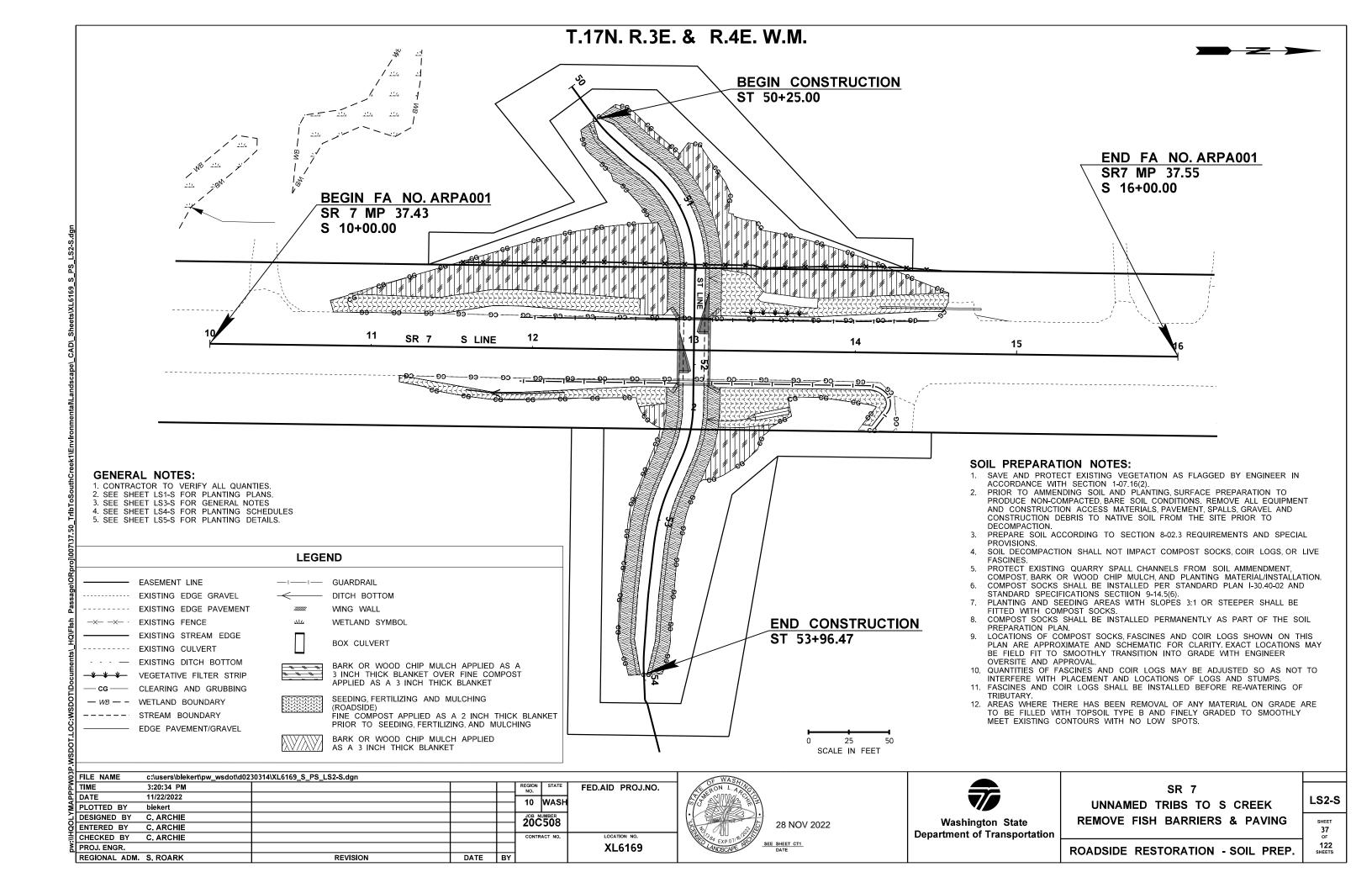
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MEANDER BAR DETAILS

CD5-S





GENERAL NOTES:

- 1. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES, MEASUREMENTS, AND SITE CONDITIONS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLLING ALL PLANTS IN LOCATIONS AND QUANTITIES SHOWN GRAPHICALLY.
- 2. THE CONTRACTOR SHALL COORDINATE ALL WORKS SHOWN ON THIS DRAWING WITH OTHER EXISITNG OR PROPOSED SITE WORKS.
- 3. ALL PLANT MATERIAL SPECIFICATIONS FOR SIZE AND CONDITION ARE MINIMUM REQUIREMENTS. SPECIFICATIONS ARE IN ACCORDANCE WITH THE 'AMERICAN STANDARD FOR NURSERY STOCK' MOST CURRENT EDITION. IF A CONFLICT OCCURS BETWEEN THESE SPECIFICATIONS AND THE "A.S.N.S.", THESE SPECIFICATIONS SHALL APPLY.
- 4. ALL MATERIAL SHALL BE TAGGED WITH THE APPROPRIATE IDENTIFICATION AT THE TIME OF DELIVERY TO THE PROJECT
- 5. CONTAINER MATERIAL MAY BE SUBSTITUTED FOR BARE ROOT IF THE CONTAINER AND ROOT MASS ARE EQUAL IN SIZE TO THE SPECIFICATION FOR BARE ROOT MATERIAL ALL SUBSTITUTIONS SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BRINGING TO SITE.
- 6. ALL PLANT MATERIAL SHALL BE NURSERY GROWN.
- 7 PROPERTY RESTORATION TO BE COMPLETED AS DIRECTED BY THE ENGINEER.
- 8. ALL TREE LOCATIONS TO BE FIELD-STAKED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER PRIOR TO PLANTING.
- 9. LAYOUT OF PLANTING BEDS AND PLACEMENT OF PLANT MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 10. AREAS DISTURBED NOT OTHERWISE SHOWN AS PLANTED OR SEEDED IN THE PLANTING PLANS, NOTIFY ENGINEER.
- 11. SEE SPECIFICATIONS AND SPECIAL PROVISIONS FOR DETAILS RELATING TO IMPLEMENTATION OF THIS PLAN.
- 12. ALL PANTING SHALL BE WATERED AS PER SECTION 8-02.3(8).
- 13. ALL PLANTING AREAS SHALL RECEIVE FERTILIZER AS PER THE SPECIFICATIONS.
- 14. FOR STORM WATER INFORMATION REFER TO DRAINAGE
- 15. EQUIPMENT IS LIMITED TO ONLY LOW GROUND PRESSURE EQUIPMENT (5 PSI OR LESS) IN PLANTING AREAS.
- 16. SEED ALL DISTURBED AREAS NOT OTHERWISE SHOWN AS PLANTED OR SEEDED IN THE PLANTING PLANS, PER SECTION 8-01.3(2).

ROOT-BALL HANDLING:

- 1 FOR CONTAINERIZED MATERIAL
- a REMOVE PLANT FROM CONTAINER PRIOR TO PLANTING.
- b. LOOSEN ROOTS AND STRAIGHTEN ANY ROOTS CIRCLING THE ROOTBALL.
- c. SCARIFY SIDES OF PLANTING HOLE PRIOR TO INSTALLATION OF PLANT MATERIAL.
- 2. FOR BARE ROOT STOCK:
- a. SPREAD ROOTS EVENLY OVER FIRMLY MOUNDED BACKFILL SOIL
- b. PROTECT ROOTS FROM DRYING, EVEN BREIFLY, KEEP ROOTS MOIST AND COVERED AT ALL TIMES.
- c. PRIOR TO PLACEMENT INTO PLANTING HOLE, TRIM BROKEN AND/OR DAMAGED ROOTS BACK TO HEALTHY TISSUE.
- 3 FOR B&B STOCK
- a. COMPLETELY REMOVE ANY BURLAP, METAL, OR FIBERGLASS MATERIALS FROM ROOTBALL BEFORE PLACING INTO PLANTING HOLE.
- 4. WHEN BACKFILLING IS 80 PERCENT COMPLETE, WATER THE PLANTING HOLE THROUGHLY TO SETTLE SOIL AROUND THE PLANT ROOTS.
- 5. FINISH FILLING PLANTING HOLE WITH PLANTING SOIL AND THEN WATER AGAIN TO SETTLE BACKFILL SOIL.
- 6. ENSURE PLANT CROWN IS EVEN WITH THE FINISH GRADE AT THE COMPLETION OF PLANTING OPERATIONS.

SHRUB PLANTING:

- 1. SHRUBS SHALL BE PLACED IN SINGLE SPECIES CLUSTERS OF 3-5 PLANTS AND EVENLY DISTRIBUTED ACROSS THE PLANTING AREAS.
- 2. FOR PLANT MIXES WITH SHRUBS OF VARIOUS MATURE SIZES, SUCH AS RESTORATION, ENHANCEMENT, AND SCREENING PLANT MIXES:
- a. PLANTS WITH SMALL MATURE SIZES ARE TO BE PLACED TOWARD THE FRONT OF THE PLANTING AREA.
- b. PLANTS WITH MEDIUM MATURE SIZES ARE TO BE PLACED IN THE MIDDLE OF THE PLANTING AREA.
- c. PLANTS WITH TALL MATURE SIZES ARE TO BE PLACED IN THE BACK OF THE PLANTING AREA.

TREE PLANTING:

- 1. ALL TREE LOCATIONS TO BE FIELD-STAKED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER.
- 2 LAYOUT OF PLANTING BEDS AND PLACEMENT OF PLANT MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 3. STAKING IS REQUIRED FOR ALL TREES OVER 6 FEET IN HEIGHT OR GREATER.
- 4. ALL TREES REQUIRING STAKING SHALL BE STAKED AND SECURED WITHIN 48 HOURS AFTER PLANTING.
- 5. 'STREET TREES' SHALL BE TREES WITH STRAIGHT TRUNKS, FULL AND SYMMETRICAL BRANCHING, CENTRAL LEADER, AND BE GROWN TO DEVELOP A FULL CROWN.
- 6. ALL STREET TREE LOCATIONS TO BE STAKED BY THE ENGINEER.
- 7. ALL STREET TREES SHALL BE STAKED AND SECURED WITHIN 48 HOURS AFTER PLANTING.
- 8. PLANT TREES OTHER THAN STREET TREES NO CLOSER THAN 30 FEET FROM EDGE OF PAVEMENT.
- 9. PRUNE OVERHANGING BRANCHES TO 8 FEET HT FROM GROUND LEVEL AS PER ACCEPTED HORTICULTURAL PRACTICES.

MULCH APPLICATION:

- 1. ALL TEMPORARY WETLAND IMPACT AREAS SHALL BE SEEDED WITH WET SEED MIX AND MULCH AFTER FINAL GRADING.
- 2. ALL DISTURBED AREAS REQUIRING SEEDING AND MULCHING SHALL BE COVERED WITH A 2 INCH BLANKET OF FINE COMPOST AFTER FINAL GRADING AND PRIOR TO SEEDING.
- 3. ALL DISTURBED AREAS REQUIRING FINE COMPOST AND BARK OR WOOD-CHIP MULCH SHALL BE COVERED WITH A 3 INCH BLANKET OF FINE COMPOST, AND A 3 INCH BLANKET OF BARK OR WOOD-CHIP MULCH AFTER FINAL GRADING
- 4. FINE COMPOST AND BARK OR WOOD-CHIP MULCH SHALL NOT BE PLACED WITHIN 2 FEET OF THE ORDINARY HIGH WATER MARK.
- 5. THERE SHALL BE NO MORE THAN 1 INCH OF MULCH AROUND PLANT CROWN, FEATHER MULCH AROUND PLANT CROWN TO ENSURE PROPER DEPTH.

28 NOV 2022

LIVE STAKES:

- 1. LOCATION OF LIVE STAKE CUTINGS SHALL BE AS PER THE PLANS AND WHEN REQUIRED AS STATED BY THE ENGINEER.
- 2. PLANTING SHALL BE BY HAND ONLY TO ENSURE THERE IS MINIMAL DISTRURBANCE TO THE EXISTING SOIL CONDITIONS. SHOULD OTHER MEANS BE REQUIRED, THE CONTRACTOR SHALL PROPOSE THEM IN WRITING TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
- 3. INSTALL LIVE FASCINES DURING IN-WATER WORK WINDOW AND PRIOR TO RE-WATERING STREAM.
- 4. PRIOR TO TRENCHING, FIT LIVE FASCINES AROUND LARGE WOODY MATERIAL (LWM) AT 2 YEAR WATER SURFACE ELEVATION (WSE). APPROVAL BY ENGINEER REQUIRED PRIOR TO TRENCHING AND FINAL INSTALLATION.
- 5. PLANT LIVE STAKES WITHIN 6 FEET OF ORDINARY HIGH WATER ELEVATION (OHWE) AND PLANT THROUGH STREAMBED GRAVEL AS SHOWN ON RESTORATION PLAN.
- 6. PLANT LIVE STAKES BELOW COMPOST SOCKS WHERE APPLICABLE.

PLANT ESTABLISHMENT:

INCLUDES ALL PLANTED AND SEEDING AREA WITHIN THE

YEAR 1: INCLUDED IN THE PSIPE, REFER TO BID ITEMS.

YEAR 2: REFER TO SPECIFICATIONS AND BID ITEMS.

YEAR 3: REFER TO SPECIFICATIONS AND BID ITEMS.

ABBREVIATIONS

B&B BALLED & BURLAP BR BARE ROOT C.Y. CUBIC YARDS CALIPER CAL

CONT CONTAINER GAL GALLONS HT. HEIGHT MAXIMUM

MIN MINIMUM

MAX

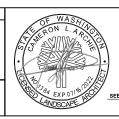
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SR 7 UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

PLANTING NOTES

38 122 SHEETS

LS3-S

PLANTING SCHEDULE:

| DESCRIPTION | SYMBOL | COMMON NAME | BOTANICAL NAME | % | | | ZO | NES | | TOTAL | SIZE | CONTAINER | SPACING | REMARKS |
|-------------|--------|-----------------------------|-----------------------|-----|------|------|------|------|--|-------|------------|-----------|----------|---------------------------|
| | | | | | RP 1 | RP 2 | RP 3 | RP 4 | | | | | | |
| | | SERVICEBERRY | AMELANCHIER ALNIFOLIA | 10 | 61 | 51 | 8 | 4 | | 125 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| | | OCEANSPRAY | HOLODISCUS DISCOLOR | 20 | 122 | 103 | 16 | 8 | | 249 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| | | STREAMBANK LUPINE | LUPINUS RIVULARIS | 10 | 61 | 51 | 8 | 4 | | 125 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| RESTORATION | | PACIFIC NINEBARK | PHYSOCARPUS CAPITATUS | 20 | 122 | 103 | 16 | 8 | | 249 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| PLANT MIX | | WESTERN SWORD FERN | POLYSICHUM MUNITUM | 20 | 122 | 103 | 16 | 8 | | 249 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| (RP) | | DOUGLAS FIR | PSEUDOTSUGA MENZIESII | N/A | 40 | 35 | 10 | 2 | | 87 | 18-24" HT. | #2 CONT. | 10' O.C. | NATURAL FORM, NO SHEARING |
| | | RED ELDERBERRY | SAMBUCUS RACEMOSA | 20 | 122 | 103 | 16 | 8 | | 249 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| | | WESTERN RED CEDAR | THUJA PLI CATA | N/A | 40 | 35 | 9 | 2 | | 86 | 18-24" HT. | #2 CONT. | 10' O.C. | NATURAL FORM, NO SHEARING |
| | | | | | | | | | | | | | | |
| | | | | | RR 1 | RR 2 | RR 3 | RR 4 | | | | | | |
| RIPARIAN | | SEDGE | CAREX SP | 20 | 38 | 37 | 44 | 46 | | 165 | 12-18" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| RESTORATION | | RED-OSIER DOGWOOD | CORNUS SERICEA | 40 | 76 | 74 | 88 | 92 | | 330 | 12-18" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| PLANT MIX | | SCOULER WILLOW (Live Stake) | SALIX SCOULERIANA | 40 | 76 | 74 | 88 | 92 | | 330 | 12-18" HT. | BR | 3' O.C. | LIVE STAKES |
| (RR) | | | | | | | | | | | | | | |

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| DESIGNED BY | C. ARCHIE | | | | 20C508 | |
| ENTERED BY | C. ARCHIE | | | | 200508 | |
| CHECKED BY | C. ARCHIE | | | | CONTRACT NO. | LOCATION NO. |
| PROJ. ENGR. | | | | |] | XL6169 |
| REGIONAL ADM. | S ROARK | REVISION | DATE | BY | | |





SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

PLANTING SCHEDULE

LS4-S

SHEET
39
OF
122
SHEETS

PLANTING SETBACK CHART

| TYPE: | GUARDRAIL BARRIER | EDGE OF ROADWAY | WALL | FENCE | SIGNS | EXISITING TREE TRUNK | EXISITING VEGETATION MASS | OVERHEAD POWER | BRIDGE STRUCTURE | DRAINAGE STRUCTURE | DRAINAGE ACCESS ROAD | CULVERT WALLS |
|----------------|----------------------|--------------------|------|-------|-------|-------------------------|---------------------------------|-------------------|---------------------|-----------------------|----------------------------|------------------|
| GROUNDCOVER* | 5 ' | 5' | 3' | 1.5' | 1.5' | 5' | 5' | | 3' | E' | 5 ' | 3' |
| SMALL SHRUB** |] 3 | 10' | 5' | 3' | 6' |] 3 | 5 | _ | 5' | 5 | 5 | 5' |
| TALL SHRUB*** | 10' | 15' | 10' | 21 | 6' | 10' | | 10' | 10' | | 10' | 10' |
| SMALL TREE**** | 10 | 20' | 10 | 3 | 0 | 10 | 10' | 10 | 10 | 10' | 10 | 10 |
| DECIDUOUS TREE | 15' | 30' | 15' | 10' | 15' | 15' | 10 | 20' | 40' | 10 | 15' | 15' |
| EVERGREEN TREE | 15 | 30 | 13 | 10 | 15 | 15 | | | 40 | | 13 | 15 |

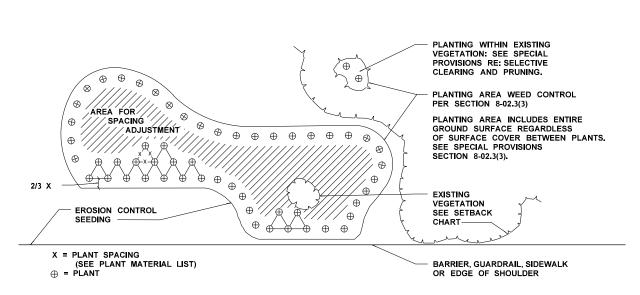
NOTES

- 1. THIS CHART SUPPLEMENTS SECTION 8.02.3(7) OF THE STANDARD SPECIFICATION
- 2. * GROUNDCOVERS GROW NO TALLER THAN 1.5 FEET AT MATURITY
- 3. ** SMALL SHRUBS GROW NO TALLER THAN 3 FEET AT MATURITY
- 4. *** TALL SHRUBS GROW TALLER THAN 3 FEET AT MATURITY
- 5. **** SMALL TREES GROW NO TALLER THAN 25 FEET AT MATURITY
- 6. REFER TO WSDOT DESIGN MANUAL M 22-01.16, PAGE 1600-15, EXHIBIT 1600-2 DESIGN CLEAR ZONE DISTANCE TABLE FOR TYPICAL REQUIRED CLEARANCES FOR EDGE OF ROADWAY

SETBACKS.

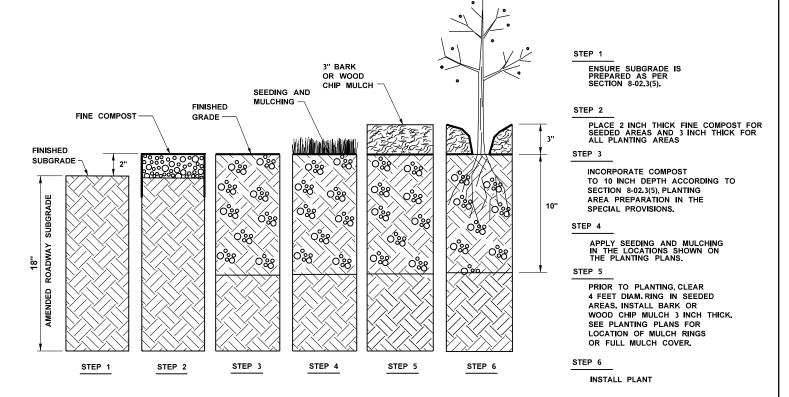
NOTES:

1. REFER TO STANDARD DETAILS h10.10-00 AND h10.15-00 FOR PLANT INSTALLATION.



PLANTING AREA LAYOUT, SETBACK, AND WEED CONTROL

NOT TO SCALE



PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK

SECTION VIEW

| ъ. | | | | | | | | | |
|----|---------------------------|-------------------------------|-----------------------------|------|----|---------------|---------|------------------|---|
| 8 | FILE NAME | c:\users\blekert\pw_wsdot\d02 | 30314\XL6169_S_PS_LS5-S.dgn | | | | | | |
| ≩ | TIME | 3:29:20 PM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | ı |
| 4 | DATE | 11/22/2022 | | | | | WASH | | ı |
| | PLOTTED BY | biekert | | | | 10 | WASH | | ı |
| Ž | DESIGNED BY ENTERED BY | C. ARCHIE | | | | JOB N | 508 | | ı |
| ğ | ENTERED BY | C. ARCHIE | | | | 200 | ,500 | | ı |
| ¥ | CHECKED BY | C. ARCHIE | | | | CONTR | ACT NO. | LOCATION NO. | ı |
| ě | PROJ. ENGR. | | | | | | | XL6169 | ı |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



| Washington State Department of Transportation | |
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| | | SR | 7 | | | | |
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| REMOVE | FISH | BAR | RIER | S | & P. | AVING | ì |

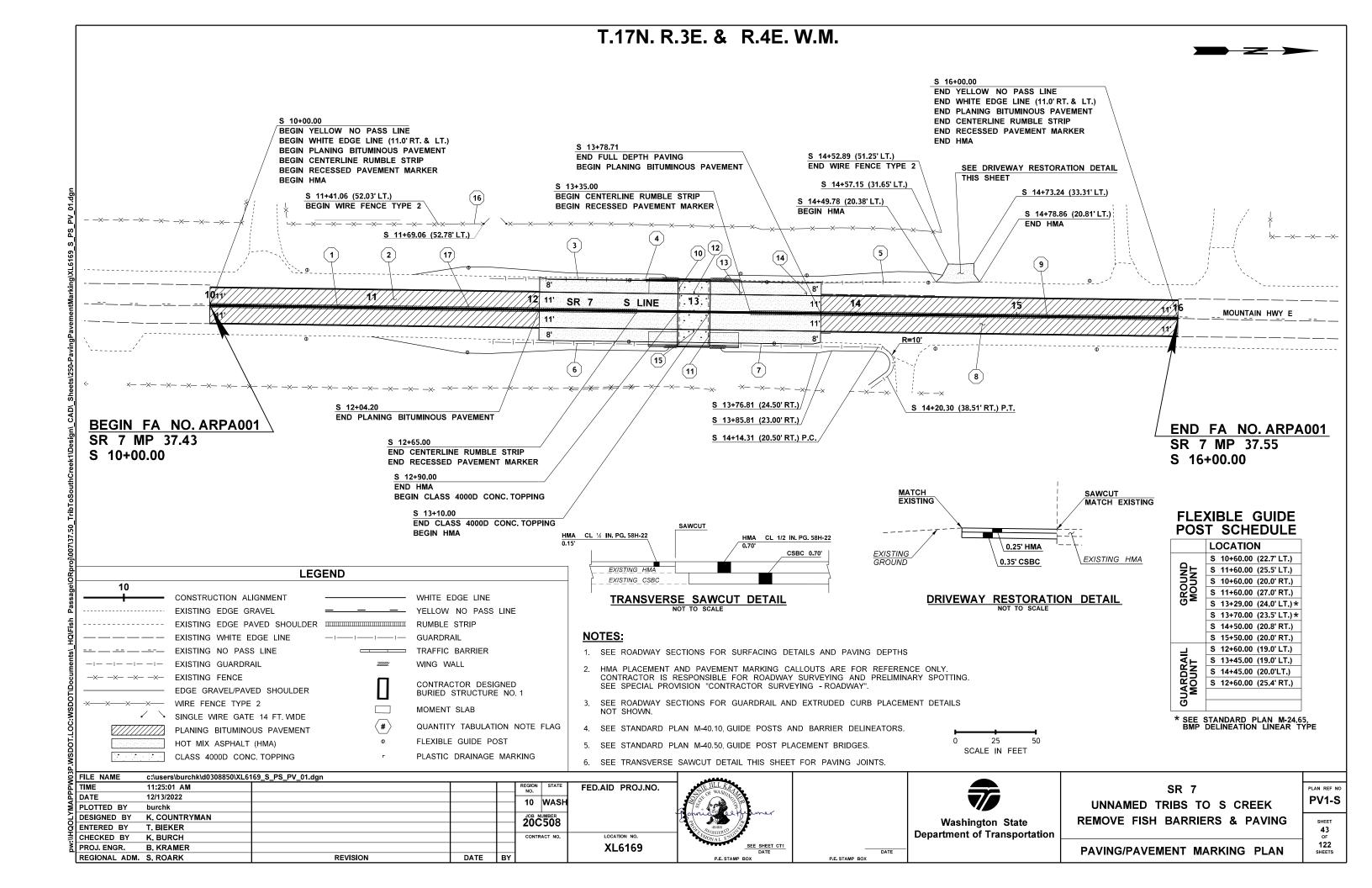
OF 122 SHEETS

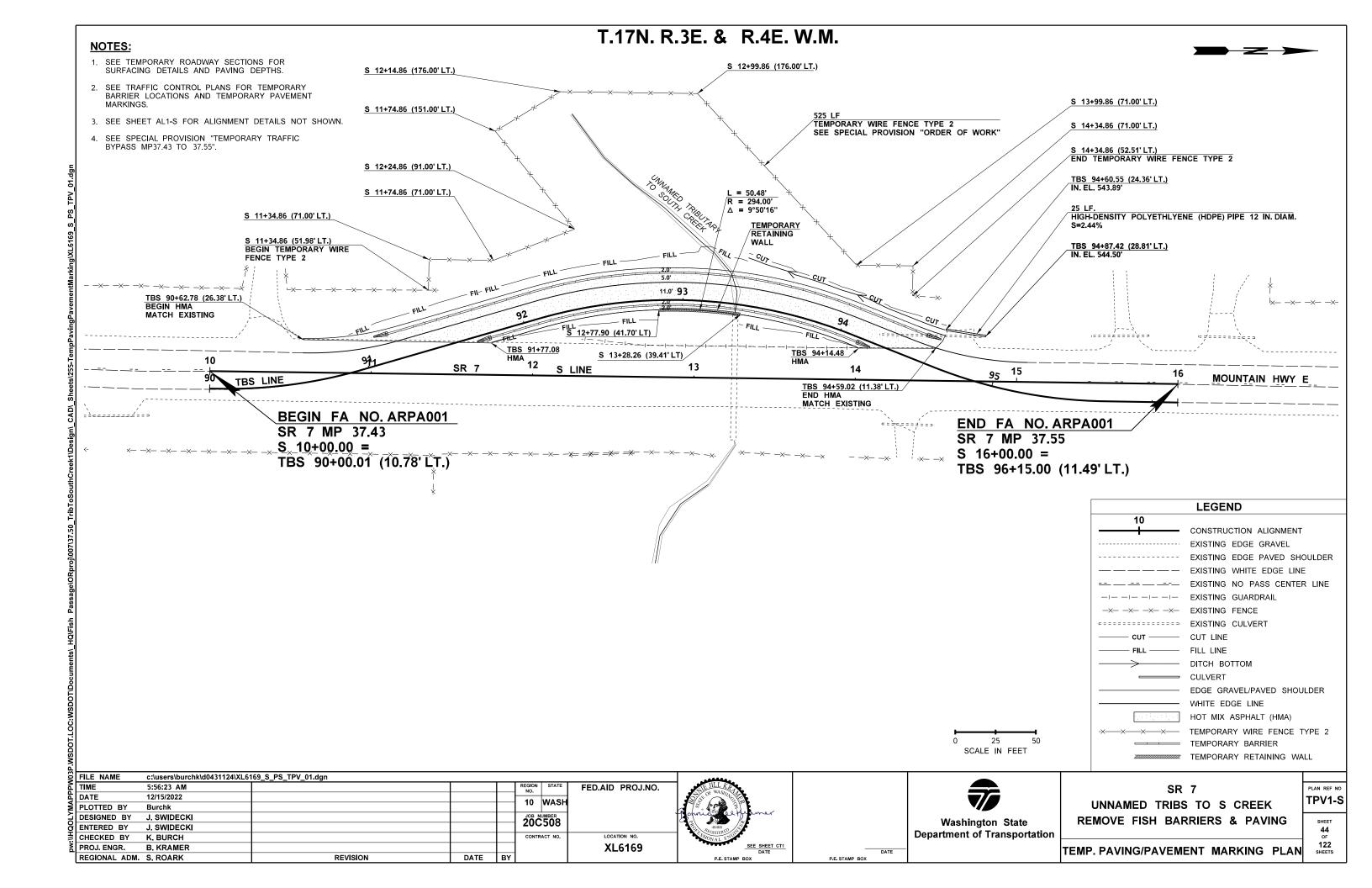
PLANTING DETAILS

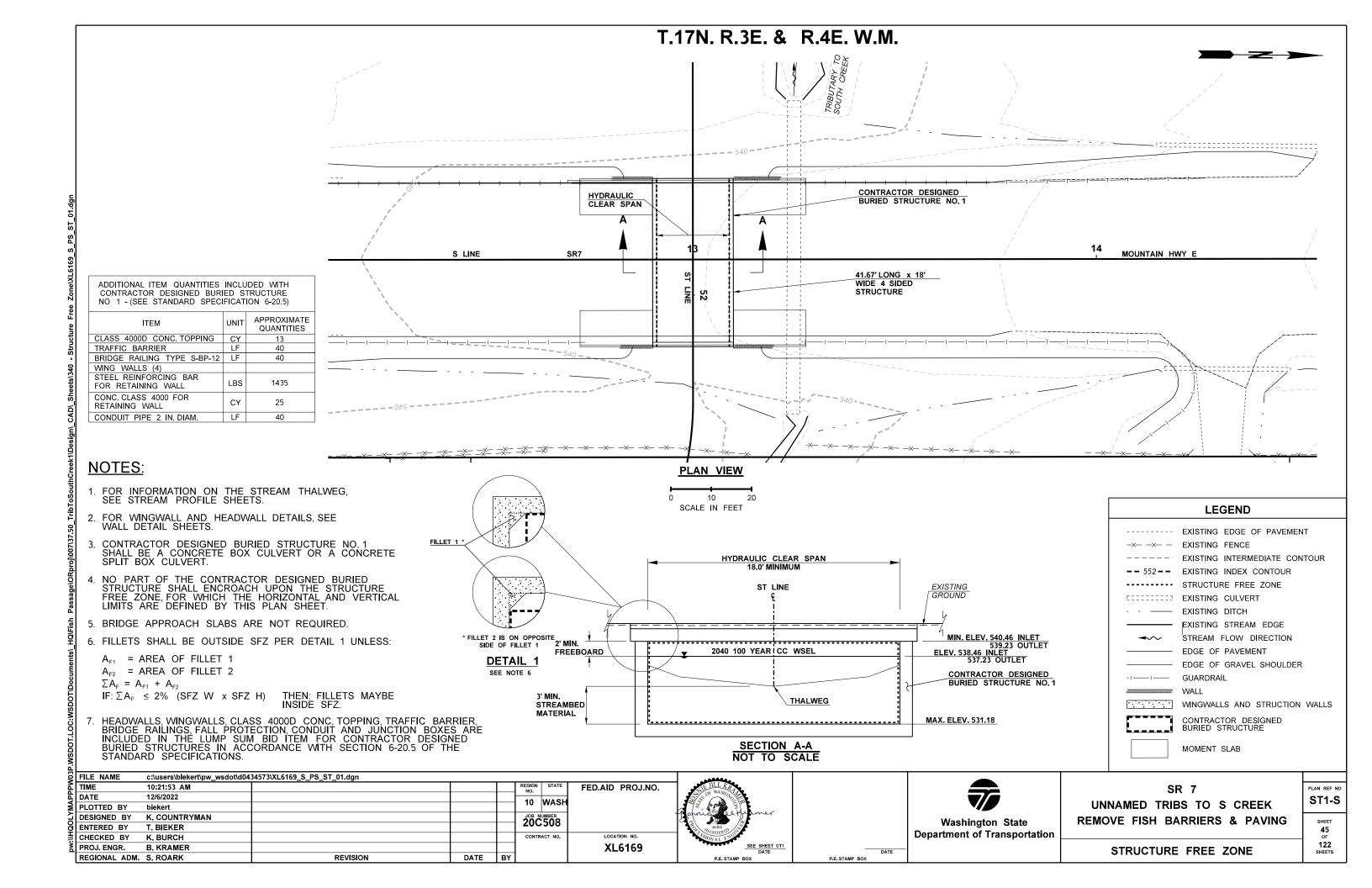
SHEET 40 OF

| | | QUAN | TITY | TABL | JLAT | ION | - PA\ | /ING | AND |) PA\ | /EME | ENT | MARI | KING | } | | |
|--|--------------------------------|---------------|---------------------|------------------------|---------------|--|-----------------|---|-----|----------------------------------|------|--------------------------|-----------------------|--------------|----------------------------|--|--|
| 11077 | | | | | | N O | | | | | | | | | | GENERAL NOTES: | |
| NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET. | PLANING BITUMINOUS PAVEMENT | EXTRUDED CURB | HMA SAWCUT AND SEAL | 3EAM GUARDRAIL TYPE 31 | | BEAM GUARDRAIL TRANSITION SECTION TYPE 21 | | BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL | | BEAM GUARDRAIL ANCHOR TYPE 11 | | | | PLASTIC LINE | SEE GENERAL NOTES | | |
| CODE LOCATION Y \ UNIT OF MEASURE > | S.Y. | L.F. | L.F. | L.F. | | EACH | | L.F. | | EACH | | | | L.F. | , | ALL DIAGTIC DAVISATINT MADIVING CHALL DE TYPE | |
| PV1-S-1 S 10+00.00 TO S 16+00.00 PV1-S-2 S 10+00.00 (0.00' RT.) TO S 12+04.20 (0.00' RT.) | 522 | | | | | | | | | | | | | 1800 | 1 | ALL PLASTIC PAVEMENT MARKING SHALL BE TYPE | ED. |
| PV1-S-3 S 11+73.19 (19.00' LT.) TO S 12+73.19 (19.00' LT.) | | | | | | 1 | | 1 | | | | | | | 5,6,8,9,10 | 1. SEE STD. PLAN M-20.10, LONGITUDINAL MARKING PATTERNS. | 0 0 0 0 |
| PV1-S-4 S 12+70.00 (19.00' LT.) TO S 12+76.00 (19.00' LT.) PV1-S-5 S 13+26.81 (19.00' LT.) TO S 14+26.80 (20.00' LT.) | | 6 | | | | 1 | | 1 | | | | | | | 11 5,6,8,9,10 | 2. SEE STD. PLAN M-20.30, LONGITUDINAL | 9 9 9 9 9 |
| | | | | | | | | | | | | | | | | MARKING SUPPLEMENT WITH RAISED PAVEMENT MARKERS. | 0 0 0 0 0 |
| PV1-S-6 S 11+73.19 (20.50' RT.) TO S 12+73.19 (20.50' RT.) PV1-S-7 S 13+26.81 (20.50' RT.) TO S 14+10.26 (45.96' RT.) PV1-S-8 S 13+78.71 TO S 16+00.00 | 566 | | | 62.5 | | 1 | | 1 | | 1 | | | | | 5,6,8,9,10 5,6,7,8,9,10 | 3. SEE STD. PLAN M-24.60, SYMBOL MARKINGS MISCELLANEOUS. | |
| PV1-S-9 S 13+35.00 TO S 16+00.00 | 300 | | | | | | | | | | | | | | 2,4 | 4. SEE STD. PLAN M-65.10, CENTERLINE RUMBLE | |
| PV1-S-10 S 12+90.00 (19.00' LT.) TO S 12+90.00 (19.00' RT.) | | | 38 | | | | | | | | | | | | 12 | STRIP. | * |
| PV1-S-11 S 13+10.00 (19.00' LT.) TO S 13+10.00 (19.00' RT.) | | | 38 | | | | | | | | | | | | | 5. SEE STD. PLAN C-1B, POSTS AND BLOCKS. | 9 9 9 0 9 |
| PV1-S-12 S 13+10.00 (11.00' LT.) PV1-S-13 S 13+29.00 (11.00' LT.) | | | | | | | | | | | | | | | 3 13 | 6. SEE STD. PLAN C-7a, THRIE BEAM END SECTION | NS, |
| PV1-S-14 S 13+70.00 (11.00' LT.) | | | | | | | | | | | | | | | 13 | DESIGN F. | |
| PV1-S-15 S 13+10.00 (11.00' RT.) PV1-S-16 S 11+41.06 (52.03' LT.) TO S 14+52.89 (51.25'LT.) | | | | | | | | | | | | | | | 3 14 | 7. SEE STD. PLAN C-20.10, BEAM GUARDRAIL TYPE | |
| PV1-S-17 S 10+00.00 TO S 12+65.00 | | | | | | | | | | | | | | | 2,4 | 8. SEE STD. PLAN C-22.40, BEAM GUARDRAIL TYPE NON-FLARED TERMINAL (ALL POSTED SPEEDS) (MODEL: MSKT-SP-MGS) | |
| | | | | | | | | | | | | | | | | 9. SEE STD. PLAN C-24.10, GUARDRAIL CONNECTION TO BRIDGE RAIL OR CONCRETE BARRIER, D CONNECTION. | ON |
| | | | | | | | | | | | | | | | | 10. SEE STD. PLAN C-25.20, BEAM GUARDRAIL (TYPE 31) TRANSITION SECTION TYPE 21. | |
| | | | | | | | | | | | | | | | | 11. SEE STD. PLAN F, EXTRUDED CURB (TYPE 2) | |
| | | | | | | | | | | | | | | | | 12. SEE STD. PLAN A-40.20 DETAIL 3. | 9 9 9 9 |
| | | | | | | | | | | | | | | | | 13. SEE STD. PLAN M-24.65, BMP DELINEATION LIN TYPE. | NEAR |
| | | | | | | | | | | | | | | | | 14. SEE STD. PLAN L-10.10-02, WIRE FENCE TYPE 2 | 2 |
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| SHEET TOTAL | 1088 | 6 | 76 | 62.5 | | 4 | | 3 | | 1 | | | | 1800 | | 1 | * |
| PROJECT TOTAL | 1088 | 6 | 76 | 62.5 | OTATE | 4 | DDC L NC | 3 | | 1 | | | | 1800 | | 1 | |
| DESIGNED BY K. COUNTRYMAN | | | | REGION NO. | WASH | FED. AID | PROJ. NO. | - | | | | | | | | UNNAMED TRIBS TO S CREEK | QTPV1-S |
| ENTERED BY J. JAQUET CHECKED BY K. BURCH PROJ. ENGR. B. KRAMER | | | | JOB NU 200 | JMBER :508 | | PA001 7(032) | | | | | Vashington Department | State t of Transpo | rtation | | | SHEET 41 OF |
| REGION ADM. S. ROARK DATE DATE | | REVISION | BY | CONTRA | | | | | | | | | | | QUANTT | TY TABULATION - PAVING AND PAVEMENT MARKING | 122 |
| DAIE DAIE | | VEAIOIOM | l Bi | | | | | l | | | | | | | 1 | | SHEETS |

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| Common C | ENTERED BY J. JAQUET CHECKED BY K. BURCH | | | | JOB NU | IMBER | | | | | | ₹ | Vashington Departmen | State t of Transpo | ortation | REI | MOVE FISH BARRIERS & PAVING S |
| Control Cont | DESIGNED BY K. COUNTRYMAN | | | | | | FED. AID | PROJ. NO. | | | | | | | | | ~· |
| A | PROJECT TOTAL | 4 | | _ | DECION ::: | | EED AID | | 1 | | | | | | | | |
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| NOTE: | | | | 1 | | | | | | | | - | | 1 | - | | 14. SEE STD. I LAN E-10.10-02, WIRE FENGE I THE 2 |
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| ## CONTRICTION FEATURE ## CON | | | | | | | | | | | | | | | | | |
| MOTE. THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERS NO. OR THE SHEE | | | | | + | | | | | | | | | + | 1 | | 11. SEE STD. PLAN F, EXTRUDED CURB (TYPE 2) |
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| Construction Feature Construction Feat | /1-S-17 S 10+00.00 TO S 12+65.00 | | | 0.05 | | 0.04 | | | | 1 | | | | † | | 2,4 | (MODEL: MSKT-SP-MGS) |
| Construction Feature Construction Feat | /1-S-16 S 11+41.06 (52.03' LT.) TO S 14+52.89 (51.25'LT.) | | | | | | | 300 | 1 | | | | | | | 14 | |
| NOTE: | /1-S-15 S 13+10.00 (11.00' RT.) | 1 | | | | | | | | | | | | | | _ | |
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| NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE COODSTRUCTION FEATURE. SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE FOUND ON THAT SHEET REFERENCE NO. SHOWING THE | | | | 0.05 | | 0.04 | | | | | | | | | | | |
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| QUANTITY TABULATION - PAVING AND PAVEMENT MARKING | | | . • | | ., | | | . , | | <i>,</i> , _ | . , , , , | | | | • | | |
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T.17N. R.3E. & R.4E. W.M.

- 1. HEADWALLS, WINGWALLS, CLASS 4000D CONC. TOPPING, TRAFFIC BARRIER, BRIDGE RAILINGS, FALL PROTECTION, CONDUIT AND JUNCTION BOXES ARE INCLUDED IN THE LUMP SUM BID ITEM FOR CONTRACTOR DESIGNED BURIED STRUCTURES IN ACCORDANCE WITH SECTION 6-20.5 OF THE STANDARD SPECIFICATIONS.
- 2. FOUNDATION ELEMENTS FOR WALL AND STRUCTURES, IF SHOWN, ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

REVISION

- 3. FALL PROTECTION SHALL BE INSTALLED ON THE TOP OF THE HEADWALLS AND WINGWALLS WHERE REQUIRED. SEE STANDARD PLAN L-5.10, BRIDGE RAILNG TYPE CHAIN LINK PIPE RAIL.
- 4. CONTRACTOR SHALL PROVIDE A PHYSICAL BARRIER AT ALL JOINTS BETWEEN THE WINGWALLS AND STRUCTURE TO PREVENT LOSS OF BACKFILL MATERIAL
- 5. ALLOWABLE WALL TYPES ARE DISCUSSED IN THE GEOTECHNICAL REPORT, SEE SPECIAL PROVISIONS
- 6. SEE STREAM DETAILS FOR CULVERT BEDDING MATERIALS AND DEPTHS

GENERAL NOTES:

ENTERED BY

PROJ. ENGR.

CHECKED BY

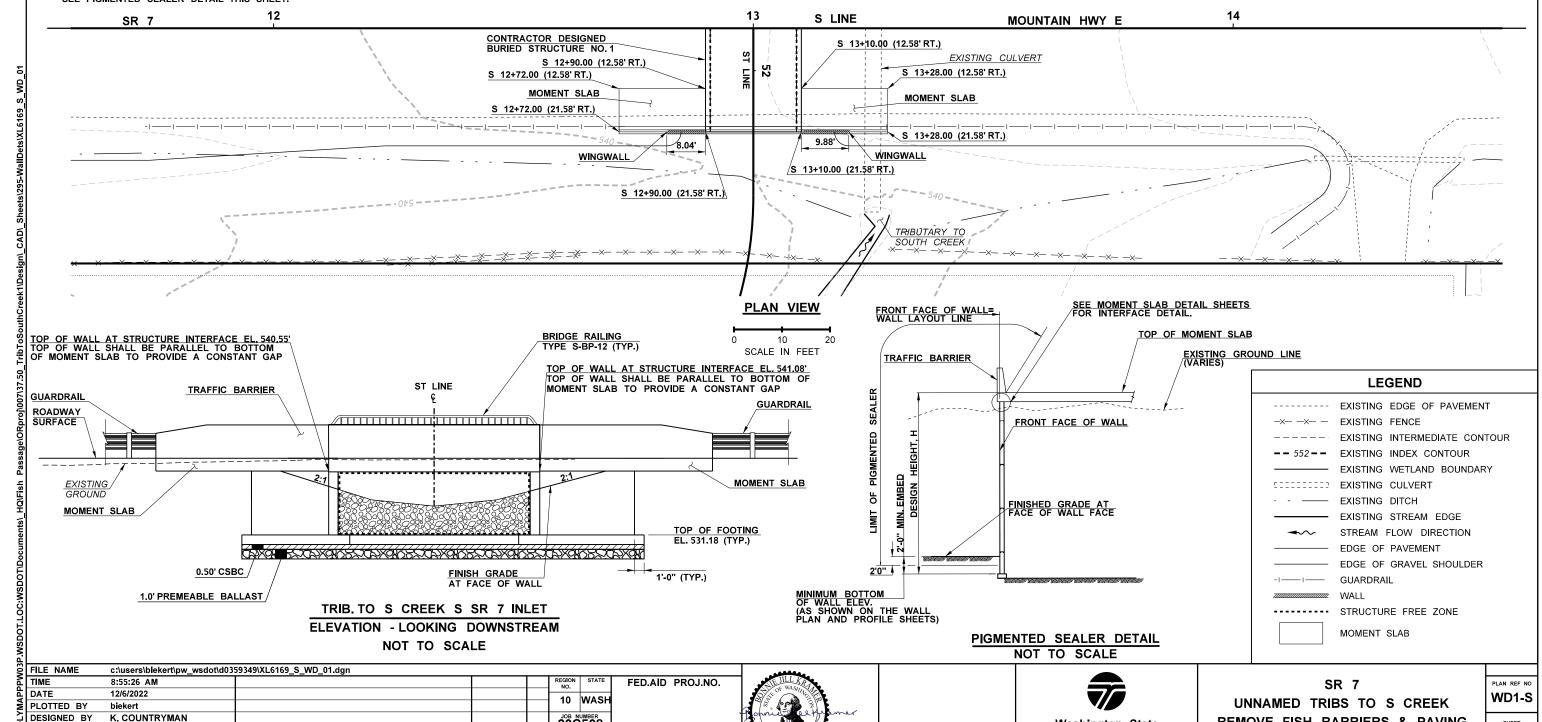
REGIONAL ADM. S. ROARK

T. BIEKER

K. BURCH

B. KRAMER

- 7. WALL ELEVATIONS, STATIONS, OFFSETS, AND ANGLES ARE BASED ON ASSUMED STRUCTURE TYPE AND GEOMETRY AND MAY BE CHANGED TO MEET THE CONTRACTOR SUPPLIED DESIGN GEOMETRY AND SITE CONSTRAINTS. ALL GEOMETRY MUST BE SUBMITTED AS PART OF THE SITE SPECIFIC DETAILS IN
- 8. PIGMENTED CONCRETE SEALER SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES WITH THE EXCEPTION OF THE ROADWAY SURFACE BETWEEN THE FLOW LINES OF THE TRAFFIC BARRIERS AND THE INSIDE OF THE BURIED STRUCTURE. SEE SPECIAL PROVISION "FINISHING CONCRETE SURFACES". SEE PIGMENTED SEALER DETAIL THIS SHEET.



REMOVE FISH BARRIERS & PAVING

WALL DETAILS

122 SHEETS

Washington State

Department of Transportation

DATE

20C508

CONTRACT NO.

DATE

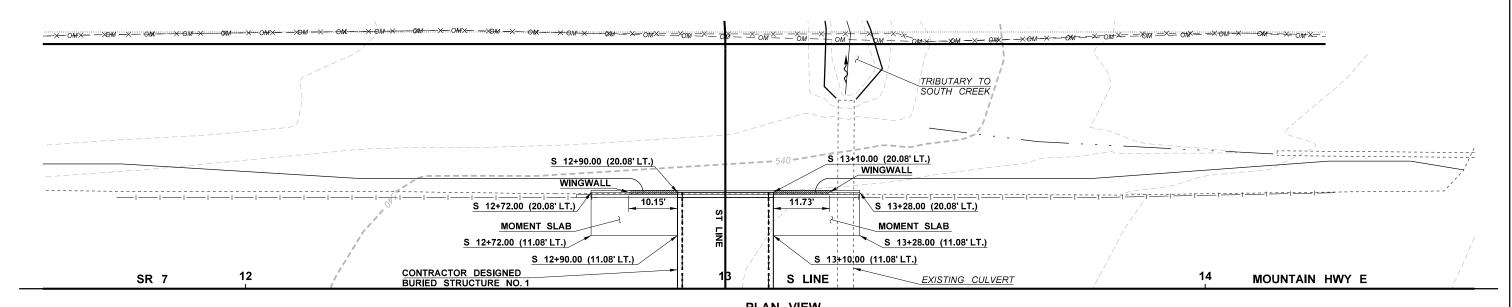
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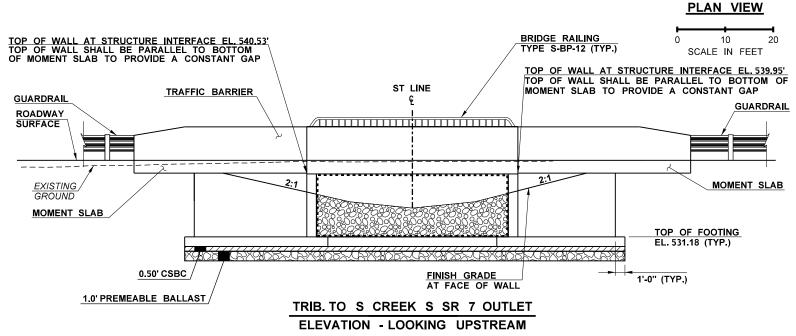
LOCATION NO.

XL6169

GENERAL NOTES: T.17N, R.3E, & R.4E, W.M.

- 1. HEADWALLS, WINGWALLS, CLASS 4000D CONC. TOPPING, TRAFFIC BARRIER, BRIDGE RAILINGS, FALL PROTECTION, CONDUIT AND JUNCTION BOXES ARE INCLUDED IN THE LUMP SUM BID ITEM FOR CONTRACTOR DESIGNED BURIED STRUCTURES IN ACCORDANCE WITH SECTION 6-20.5 OF THE STANDARD SPECIFICATIONS.
- 2. FOUNDATION ELEMENTS FOR WALL AND STRUCTURES, IF SHOWN, ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.
- 3. FALL PROTECTION SHALL BE INSTALLED ON THE TOP OF THE HEADWALLS AND WINGWALLS WHERE REQUIRED. SEE STANDARD PLAN L-5.10, BRIDGE RAILNG TYPE CHAIN LINK PIPE RAIL.
- 4. CONTRACTOR SHALL PROVIDE A PHYSICAL BARRIER AT ALL JOINTS BETWEEN THE WINGWALLS AND STRUCTURE TO PREVENT LOSS OF BACKFILL MATERIAL.
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- 6. SEE STREAM DETAILS FOR CULVERT BEDDING MATERIALS AND DEPTHS.
- 7. WALL ELEVATIONS, STATIONS, OFFSETS, AND ANGLES ARE BASED ON ASSUMED STRUCTURE TYPE AND GEOMETRY AND MAY BE CHANGED TO MEET THE CONTRACTOR SUPPLIED DESIGN GEOMETRY AND SITE CONSTRAINTS. ALL GEOMETRY MUST BE SUBMITTED AS PART OF THE SITE SPECIFIC DETAILS IN ACCORDANCE WITH 6-20.3(2)A.
- 8. PIGMENTED CONCRETE SEALER SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES WITH THE EXCEPTION OF THE ROADWAY SURFACE BETWEEN THE FLOW LINES OF THE TRAFFIC BARRIERS AND THE INSIDE OF THE BURIED STRUCTURE. SEE SPECIAL PROVISION "FINISHING CONCRETE SURFACES". SEE PIGMENTED SEALER DETAIL THIS SHEET.





NOT TO SCALE

| | S | R 7 | PLAN REF NO |
|--|---------------------|---------------------------|-------------|
| | | MOMENT SLAB | |
| | | STRUCTURE FREE ZONE | |
| | | WALL | |
| | -11 | GUARDRAIL | |
| | | EDGE OF GRAVEL SHOULDER | |
| | | EDGE OF PAVEMENT | |
| | → ~ | STREAM FLOW DIRECTION | |
| | | EXISTING STREAM EDGE | |
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Washington State
Department of Transportation

DATE

SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

LEGEND

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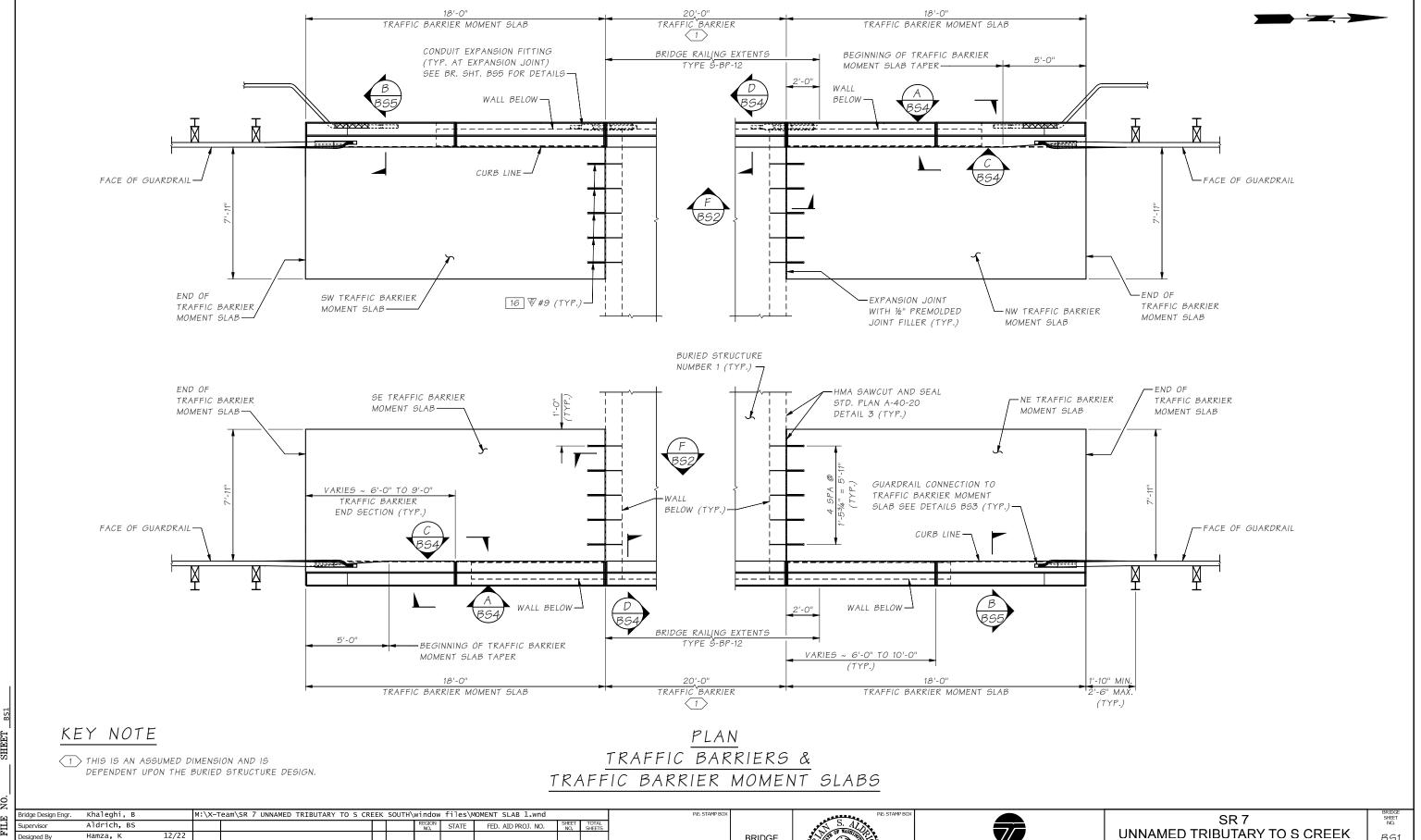
----- EXISTING EDGE OF PAVEMENT

-x- - EXISTING FENCE

WALL DETAILS

WD2-S

47 OF 122 SHEETS



BRIDGE

AND

STRUCTURES

OFFICE

BS1

47A

122

REMOVE FISH BARRIER & PAVING

TRAFFIC BARRIER MOMENT SLAB

DETAILS 1 OF 5

Washington State

Department of Transportation

Designed By

Checked By

Detailed By

Bridge Projects Engr

Architect/Specialist

Prelim. Plan By

Hamza, K

Wrenn, M

Howlett, K

12/22

12/22

12/22

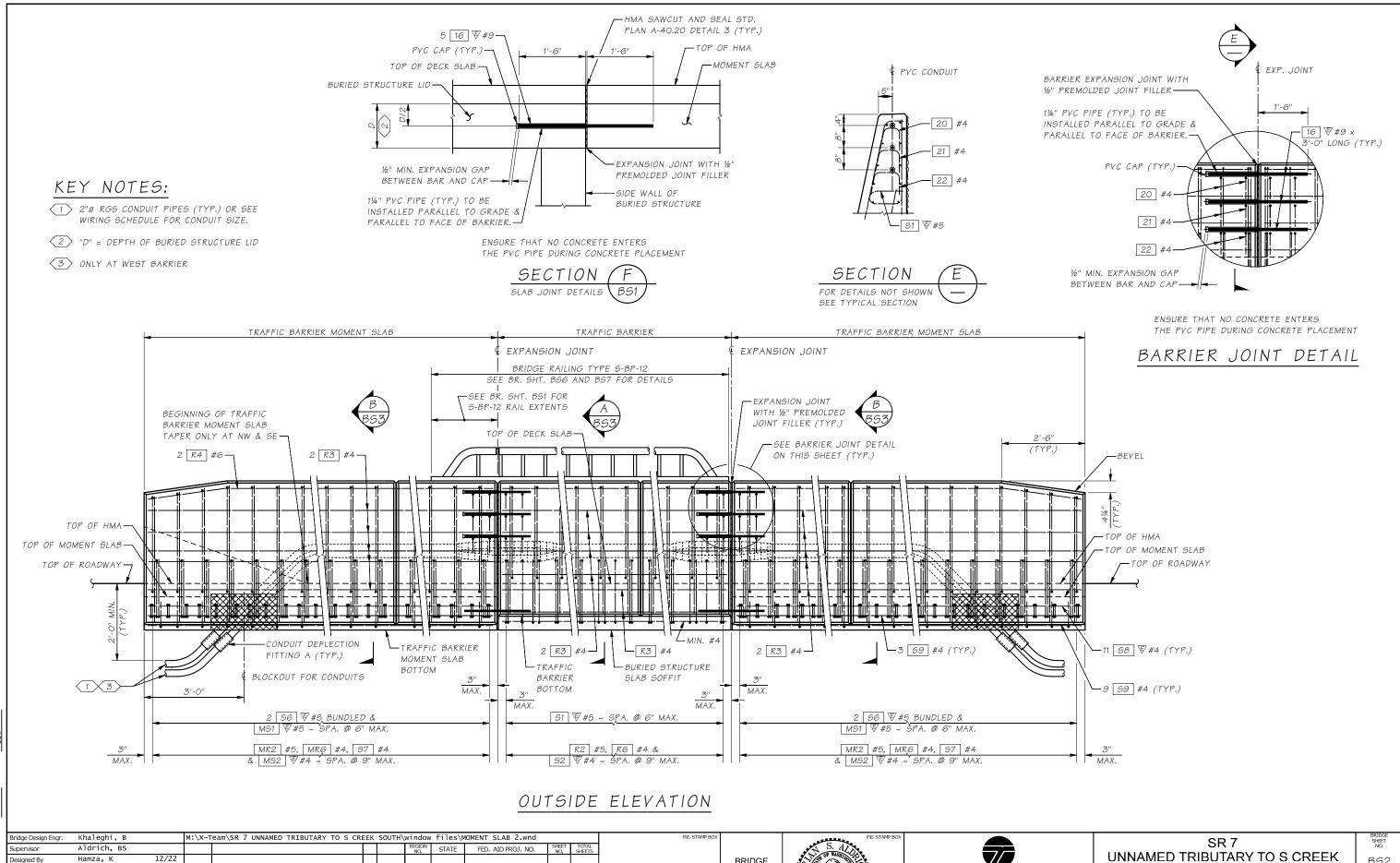
DATE

REVISION

WASH.

JOB NUMBER 20C508

CONTRACT NO.



Architect/Specialist

Bridge Projects Engr.

Prelim, Plan By

Designed By

Checked By

Detailed By

Hamza, K

Wrenn, M

Howlett, K

12/22

12/22

DATE

BRIDGE AND STRUCTURES OFFICE

WASH.

JOB NUMBER

CONTRACT NO.



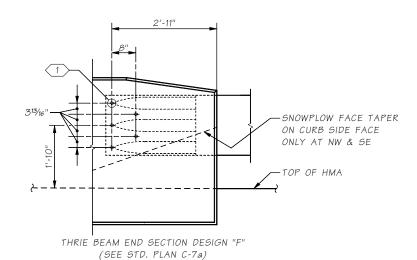


UNNAMED TRIBUTARY TO S CREEK REMOVE FISH BARRIER & PAVING

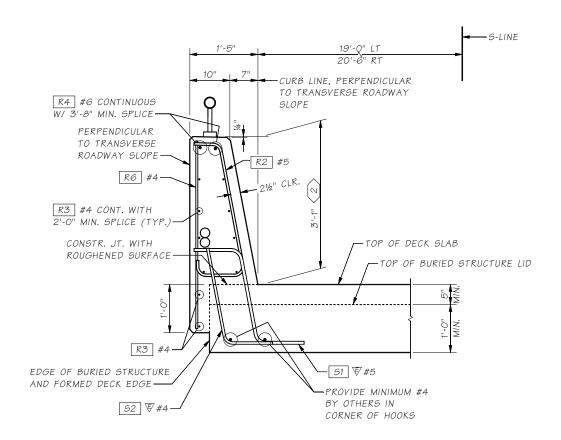
TRAFFIC BARRIER MOMENT SLAB DETAILS 2 OF 5

47B 122

BS2



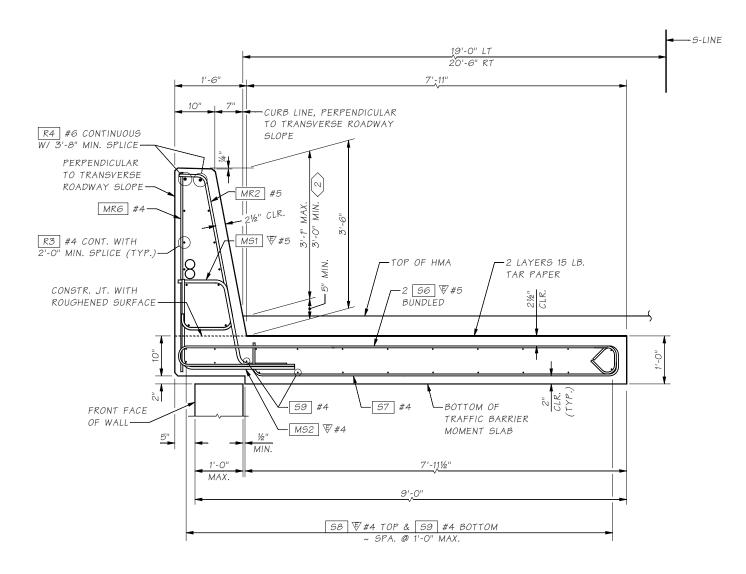
OUTSIDE ELEVATION TRAFFIC BARRIER - GUARDRAIL CONNECTION



SECTION A
TRAFFIC BARRIER
SHOWN AT BURIED
STRUCTURE

KEY NOTES:

- 1 %"Ø ROCKET/KOHLER F-50, LANCASTER MALLEABLE, OR DAYTON/RICHMOND F-62 FLARED THIN SLAB FERRULE INSERTS OR APPROVED EQUAL (TYP.). RESIN-BONDED ANCHORS MAY BE SUBSTITUTED.
- 2 HEIGHT MAY VARY IF REQUIRED TO PROVIDE A PROFILE PLEASING TO THE EYE.





| ž. | | | | | | | | | | | | | |
|-----------|-----------------------|-------------|-------|--------|---------------------------------|-------|--------|---------------|----------------|--------------------|--------------|-----------------|---------------|
| -1 | Bridge Design Engr. | Khaleghi, B | | M:\X-T | eam\SR 7 UNNAMED TRIBUTARY TO S | CREEK | SOUTH\ | window | / files∖M | OMENT SLAB 3.wnd | | | $\overline{}$ |
| ∄ | Supervisor | Aldrich, BS | | | | | | REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS | l |
| ₹. | Designed By | Hamza, K | 12/22 | | | | | | | | | | l |
| | Checked By | Howlett, K | 12/22 | | | | | 10 | WASH. | | | | l |
| \neg | Detailed By | Wrenn, M | 12/22 | | | | | 700. | | | | | l |
| <u>کر</u> | Bridge Projects Engr. | | | | | | | | NUMBER 2508 | | | | l |
| ,, | Prelim. Plan By | | | | | | | CONTI | RACT NO. | | | | l |
| | Architect/Specialist | | | DATE | REVISION | BY | APP'D | | | | | | i . |

BRIDGE AND STRUCTURES OFFICE

Washington State
Department of Transportation

SR 7 UNNAMED TRIBUTARY TO S CREEK REMOVE FISH BARRIER & PAVING

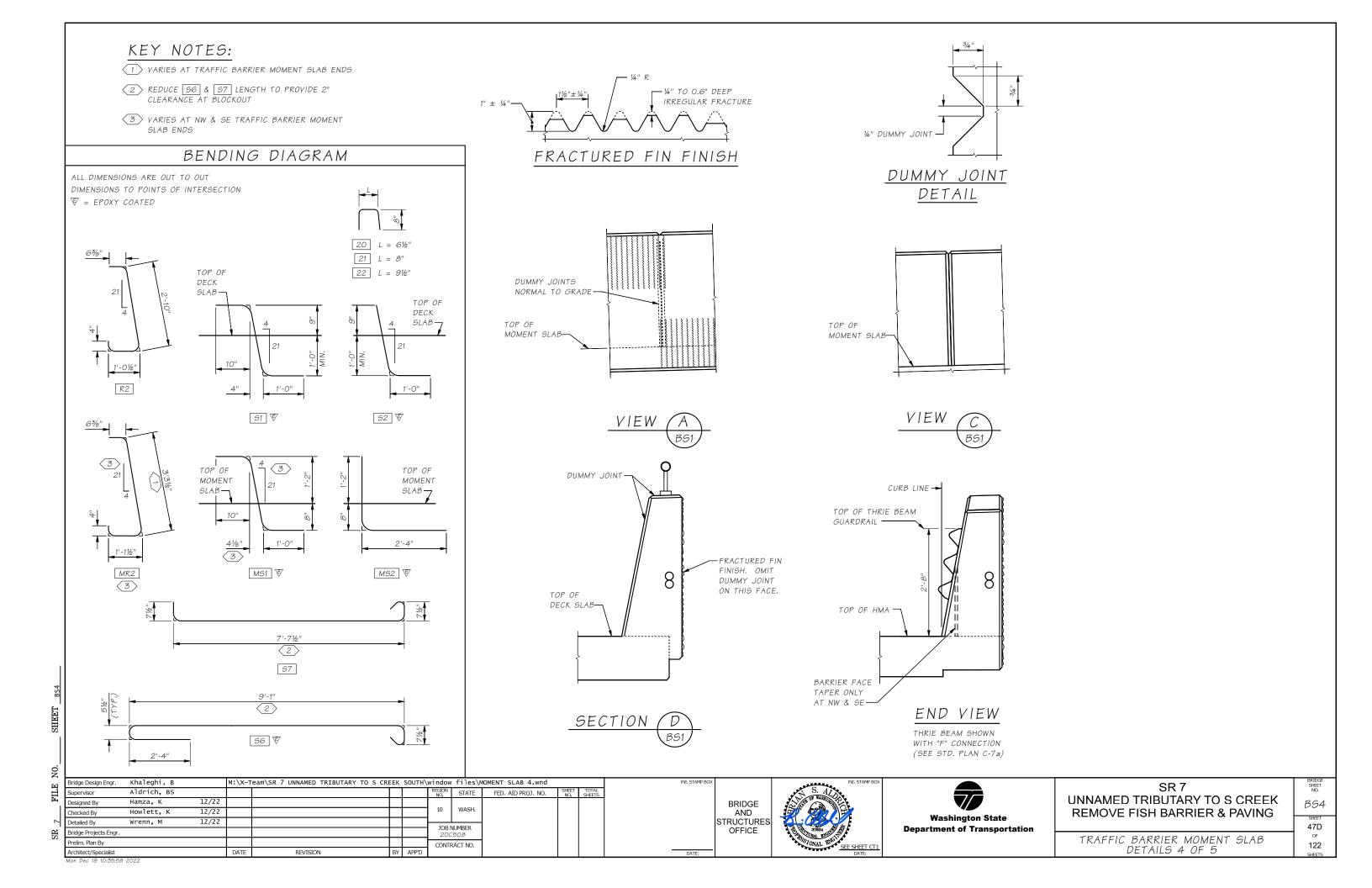
TRAFFIC BARRIER MOMENT SLAB DETAILS 3 OF 5

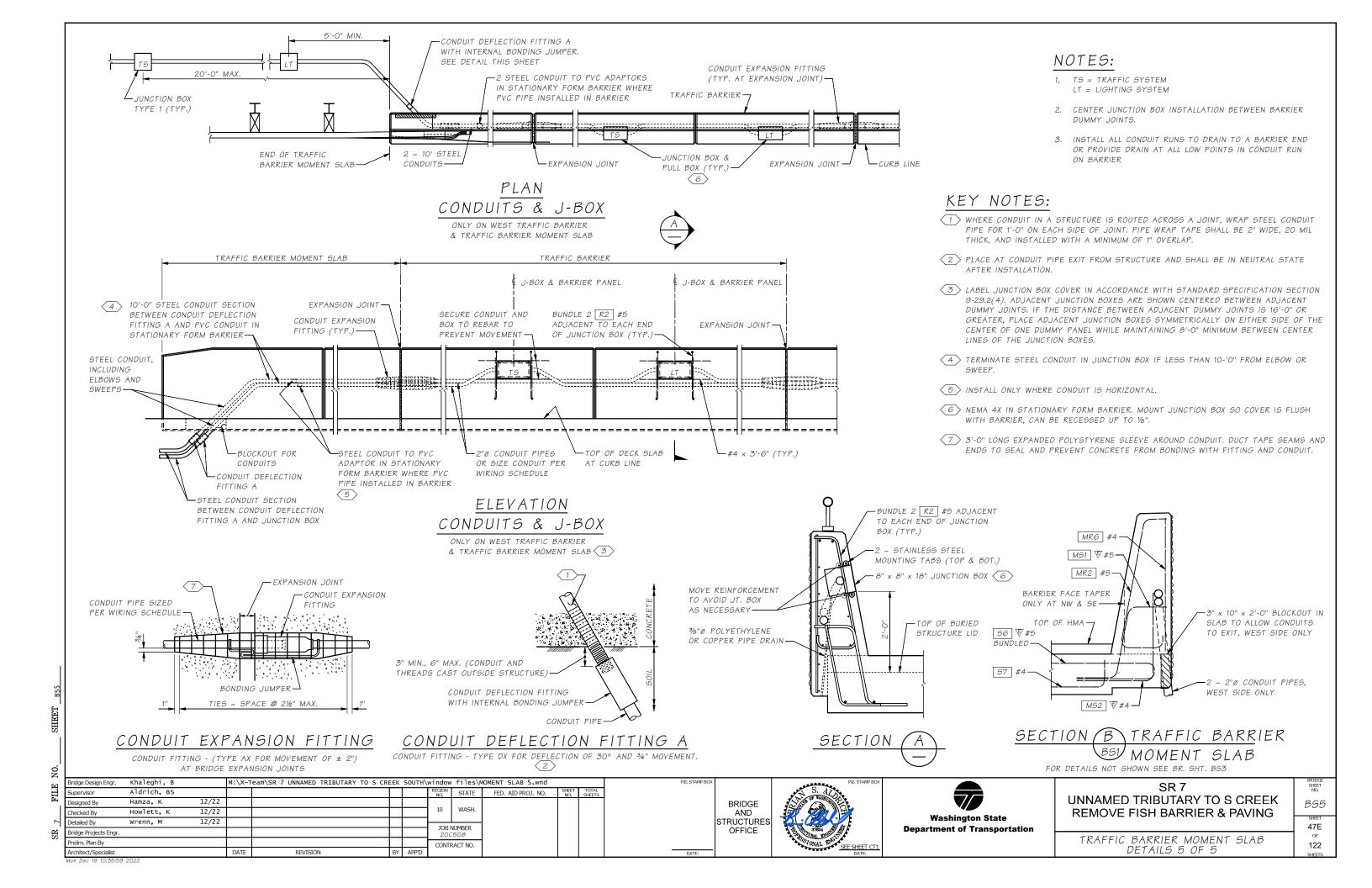
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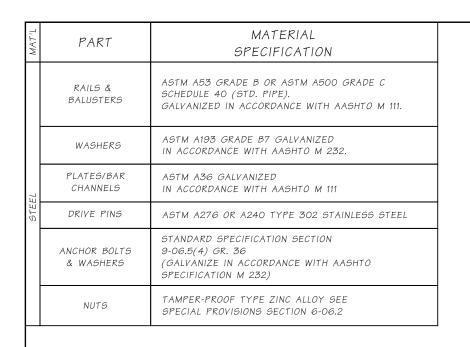
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BS3

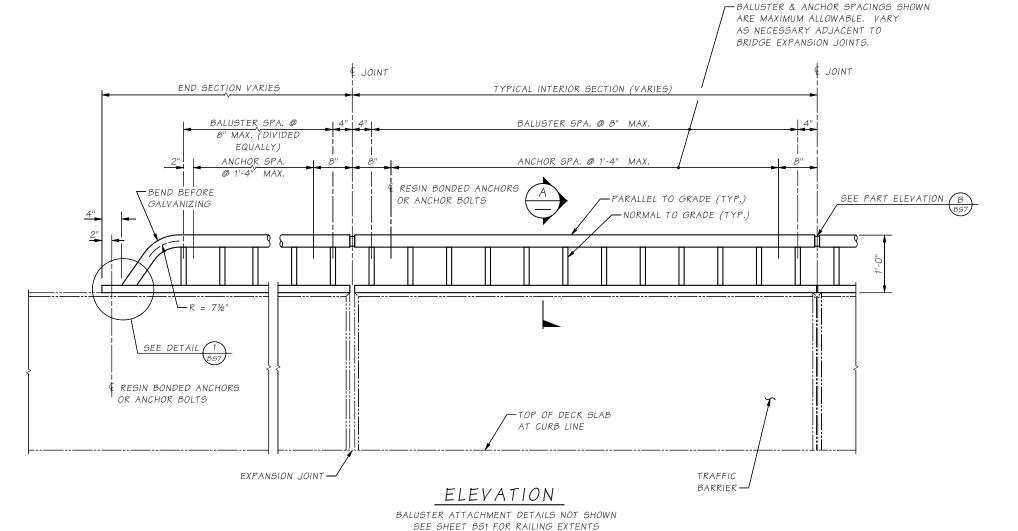


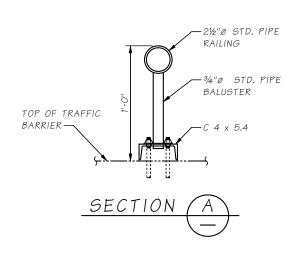




RAILING NOTES:

- 1. PIPE RAILING, PIPE RAILING SPLICES AND BOTTOM CHANNELS SHALL BE BENT TO THE HORIZONTAL CURVE WHERE THE RADIUS OF CURVATURE IS LESS THAN 200'.
- 2. SHOP DRAWINGS OF RAILING SHALL BE SUBMITTED AS A TYPE 2 WORKING DRAWING SHOWING COMPLETE DIMENSIONS AND DETAILS OF FABRICATION AND INCLUDING AN ERECTION DIAGRAM. MATERIAL SPECIFICATIONS SHALL BE PROVIDED IN THE SHOP DRAWINGS FOR ALL COMPONENTS.
- 3. CUTTING SHALL BE DONE BY SAWING OR MILLING AND ALL CUTS SHALL BE TRUE AND SMOOTH. FLAME CUTTING WILL NOT BE PERMITTED.
- 4. WELDING OF STEEL SHALL CONFORM TO THE LATEST EDITION OF AWS D1.1.
- 5. PIPE RAILING, PIPE BALUSTERS AND PIPE RAILING SPLICES SHALL BE ADEQUATELY WRAPPED TO INSURE SURFACE PROTECTION DURING HANDLING AND TRANSPORTATION TO THE JOB SITE.





| Bridge Design Engr. | Khaleghi, B | | M:\X−T | Team\SR 7 UNNAMED TRIBUTARY TO S | CREEK | SOUTH\ | window | ⁄ files∖E | BP RAIL 1.wnd | | |
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| Designed By | Hamza, K | 12/22 | | | | | | | | T | |
| Checked By | Howlett, K | 12/22 | | | | | 10 | WASH. | | | |
| Detailed By | Wrenn, M | 12/22 | | | | | | | | | |
| Bridge Projects Engr. | | | | | | | | NUMBER 0508 | | | |
| Prelim. Plan By | | | | | | | CONT | RACT NO. | | | |
| Architect/Specialist | | | DATE | REVISION | RV | ΔPP'D | 1 | | | | 1 |

BRIDGE AND STRUCTURES OFFICE

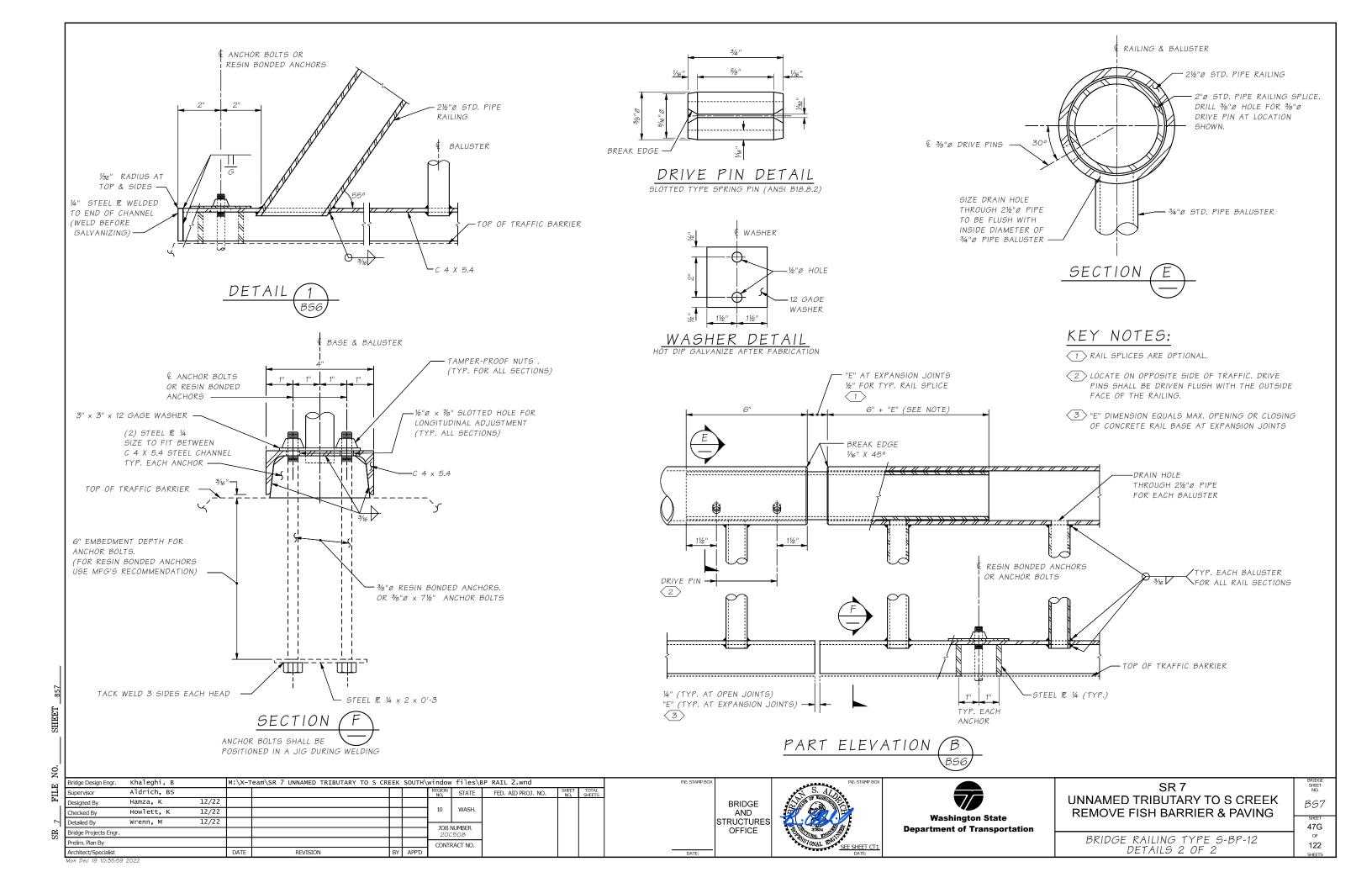


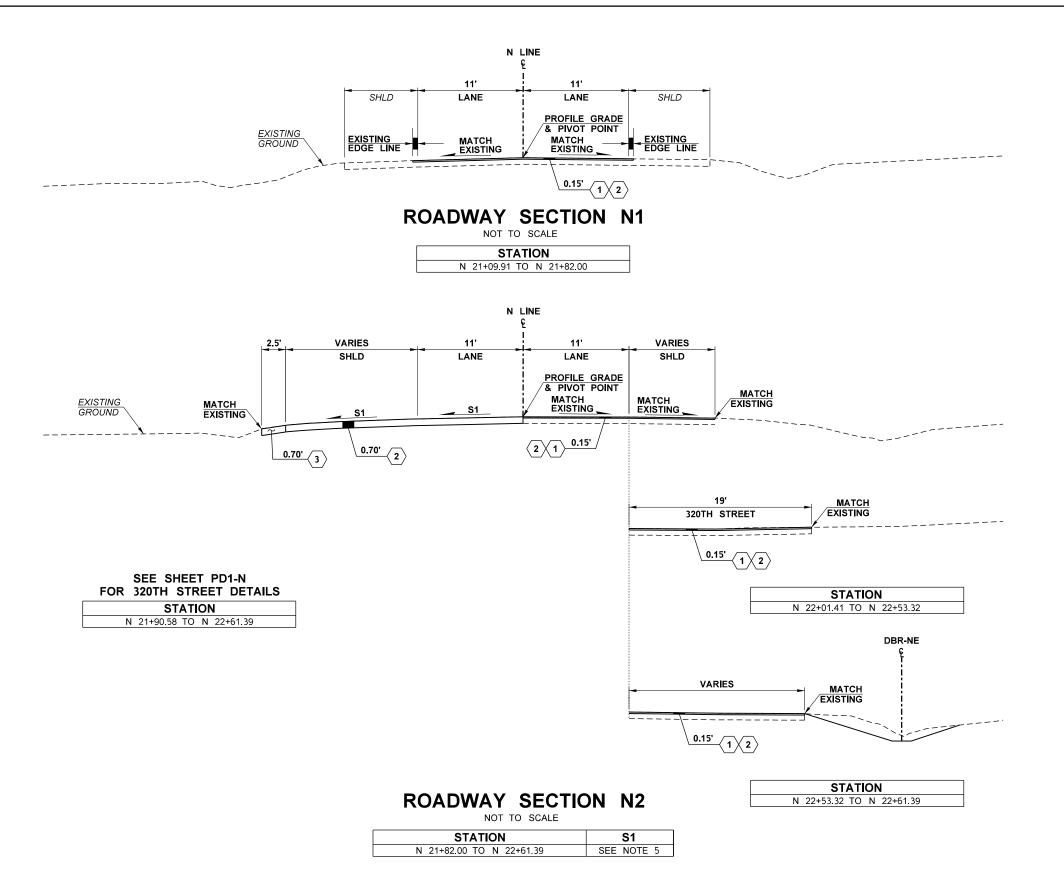


SR 7 UNNAMED TRIBUTARY TO S CREEK REMOVE FISH BARRIER & PAVING

BRIDGE RAILING TYPE S-BP-12 DETAILS 1 OF 2 BRIDGE SHEET NO. BS6

47F OF 122 SHEETS





NOTES:

- 1. ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. HMA WEARING COURSE SHALL BE 0.15'.
- 3. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.
- 4. SEE PAVING AND PAVEMENT MARKING PLANS FOR VARIABLE WIDTH DIMENSIONS AND TAPERS.
- 5. SEE SUPERELEVATION DIAGRAMS ON PROFILE SHEETS FOR VARIABLE CROSS SLOPES.

SURFACING LEGEND:

- (1) PLANING BITUMINOUS PAVEMENT
- **2** HMA CL. ½ IN. PG 58H-22
- 3 CRUSHED SURFACING BASE COURSE
- 4 CLASS 4000D CONC. TOPPING
- 5 GRAVEL BORROW INCL. HUAL

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DATE

BY

REVISION

REGIONAL ADM. S. ROARK





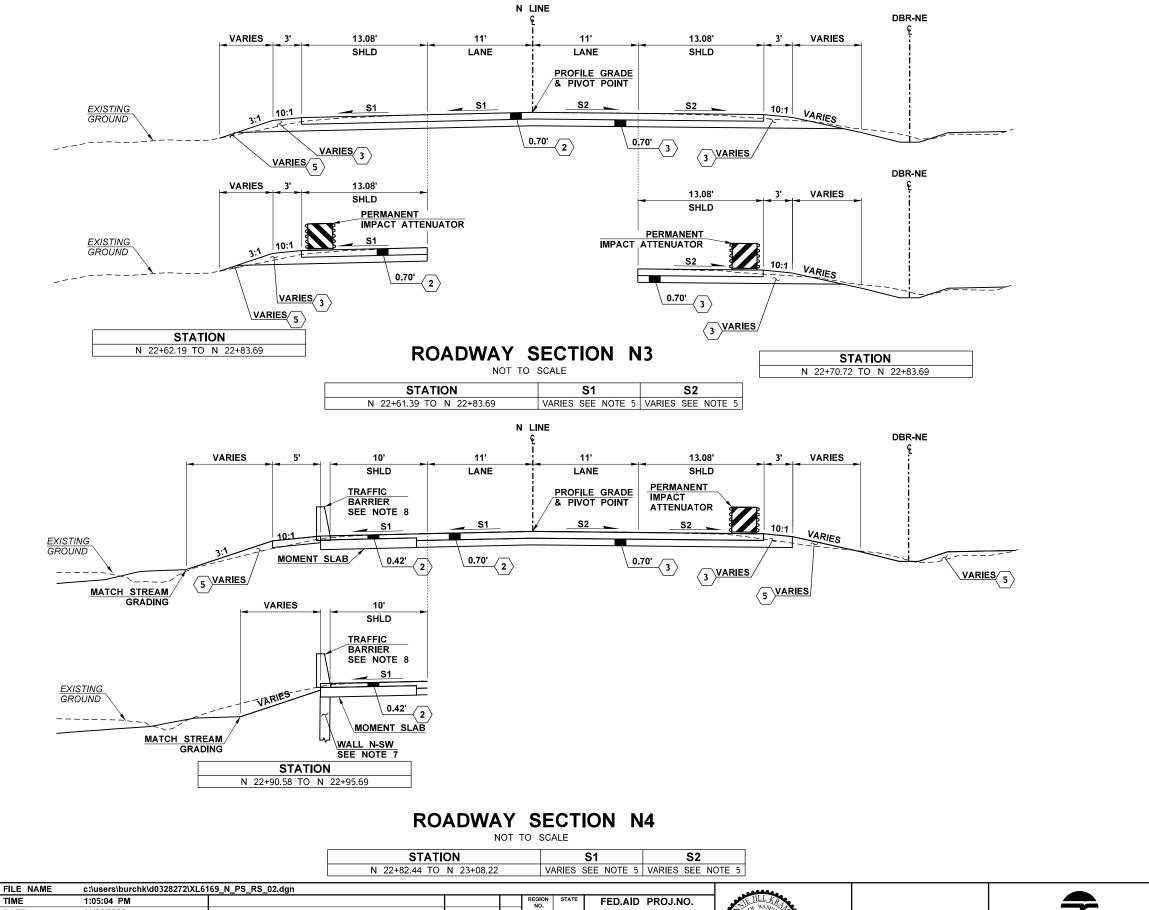


SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

ROADWAY SECTIONS

RS1-N

SHEET 48 OF 122 SHEETS



10 WASH

20C508

CONTRACT NO.

DATE

REVISION

BY

LOCATION NO.

XL6169

DATE

PLOTTED BY

ENTERED BY

CHECKED BY

PROJ. ENGR.

REGIONAL ADM. S. ROARK

DESIGNED BY

11/26/2022

K. BURCH

K. BURCH

B. KRAMER

K. BURCH

BurchK

NOTES:

- ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
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- 5. SEE SUPERELEVATION DIAGRAMS ON PROFILE SHEETS FOR VARIABLE CROSS SLOPES.

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- (2) HMA CL. ½ IN. PG 58H-22
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- 4 CLASS 4000D CONC. TOPPING
- 5 GRAVEL BORROW INCL. HUAL

SR 7
UNNAMED TRIBS TO S CREEK
Washington State REMOVE FISH BARRIERS & PAVING

Department of Transportation

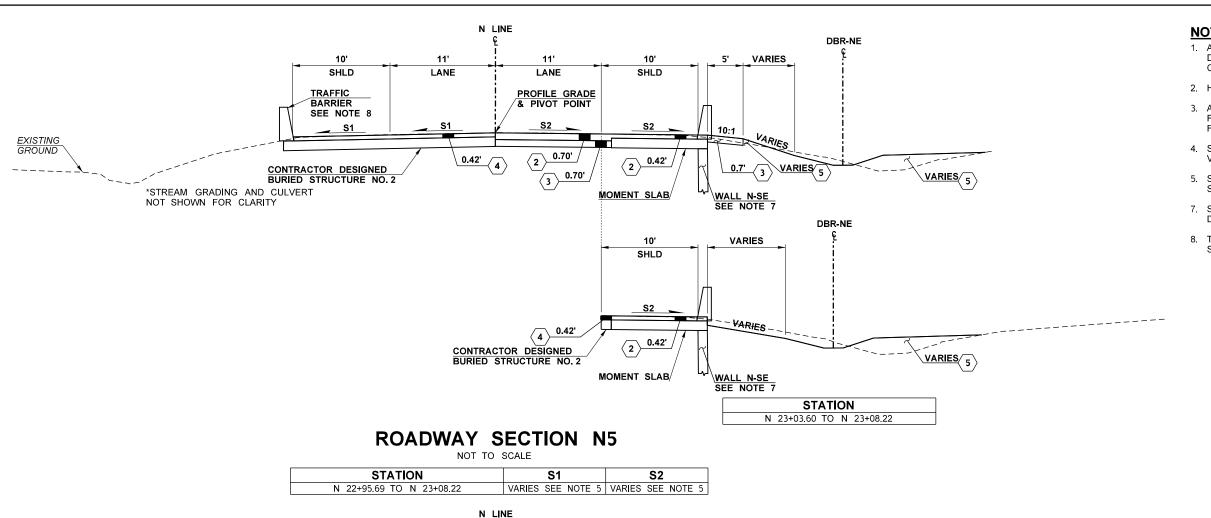
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RS2-N

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ROADWAY SECTIONS

49 OF 122 SHEETS



NOTES:

- ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
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- 4. SEE PAVING AND PAVEMENT MARKING PLANS FOR VARIABLE WIDTH DIMENSIONS AND TAPERS.
- 5. SEE SUPERELEVATION DIAGRAMS ON PROFILE SHEETS FOR VARIABLE CROSS SLOPES.
- 7. SEE ST1-N, WD1-N, AND WD2-N FOR CONTRACTOR DESIGNED BURIED STRUCTURE NO. 2 DETAILS.
- TRAFFIC BARRIER SINGLE SLOPE 42". SEE MOMENT SLAB AND BARRIER DETAILS.

SURFACING LEGEND:

- PLANING BITUMINOUS PAVEMENT
- HMA CL. ½ IN. PG 58H-22
- CRUSHED SURFACING BASE COURSE
- CLASS 4000D CONC. TOPPING
- GRAVEL BORROW INCL. HUAL

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TRAFFIC BARRIER
SEE NOTE 8

*STREAM GRADING AND CULVERT

NOT SHOWN FOR CLARITY

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CONTRACTOR DESIGNED BURIED STRUCTURE NO. 2

ROADWAY SECTION N6

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PROFILE GRADE & PIVOT POINT

VARIES SEE NOTE 5 VARIES SEE NOTE 5

10'

SHLD



TRAFFIC BARRIER
SEE NOTE 8

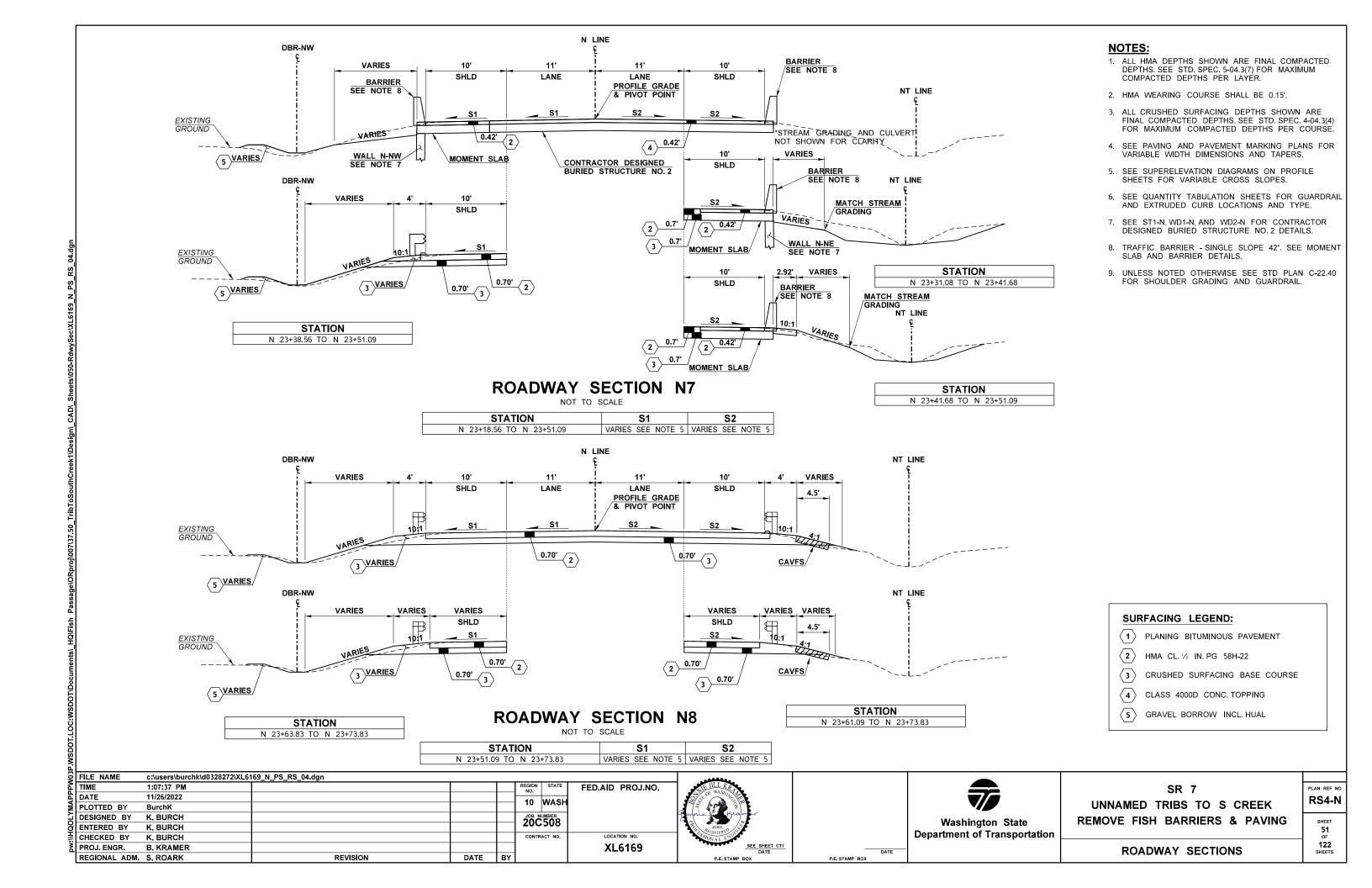


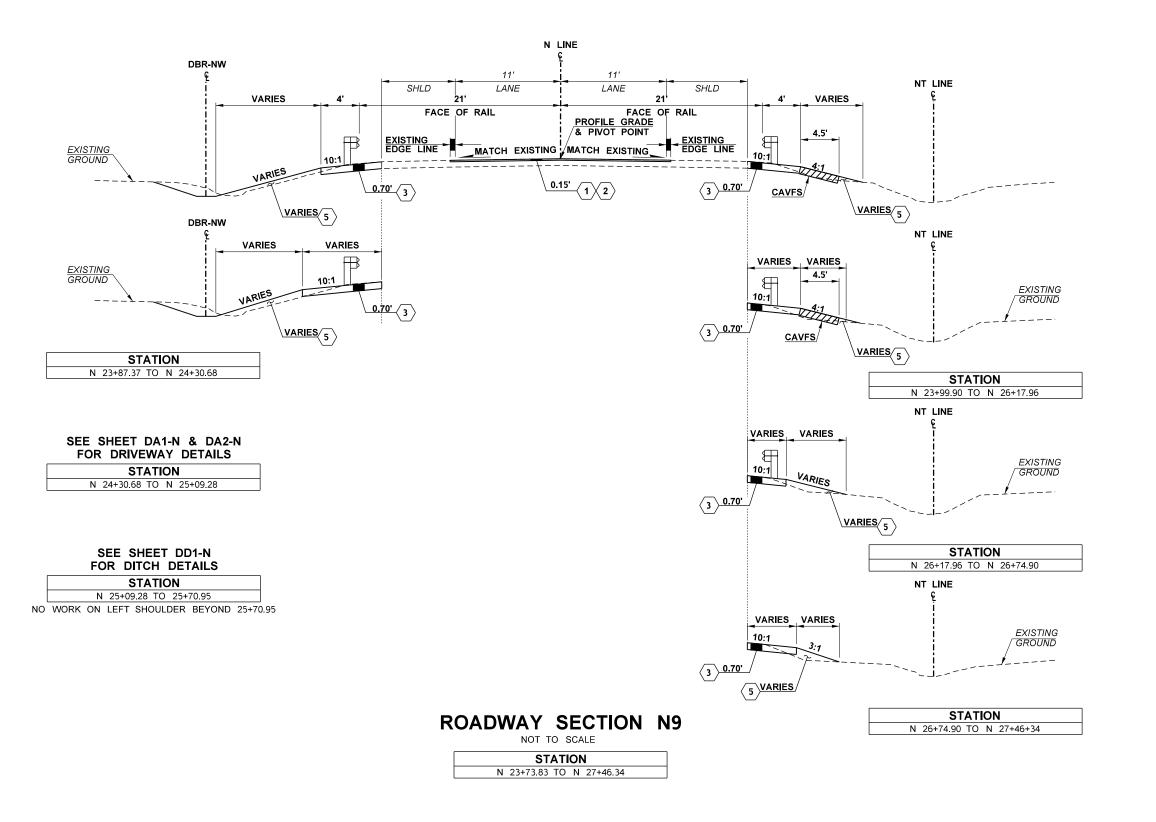
SR 7 UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

ROADWAY SECTIONS

PLAN REF NO RS3-N

50 122 SHEETS





NOTES:

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- 2. HMA WEARING COURSE SHALL BE 0.15'.
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- 4. SEE PAVING AND PAVEMENT MARKING PLANS FOR VARIABLE WIDTH DIMENSIONS AND TAPERS.
- SEE QUANTITY TABULATION SHEETS FOR GUARDRAIL AND EXTRUDED CURB LOCATIONS AND TYPE.

SURFACING LEGEND:

- 1 PLANING BITUMINOUS PAVEMENT
- 2 HMA CL. ½ IN. PG 58H-22
- 3 CRUSHED SURFACING BASE COURSE
- (4) CLASS 4000D CONC. TOPPING
- 5 GRAVEL BORROW INCL. HUAL

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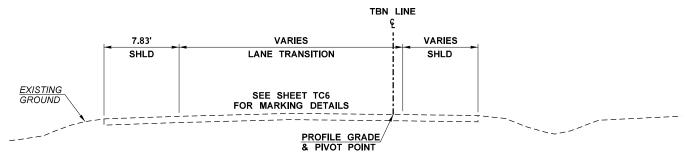




SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

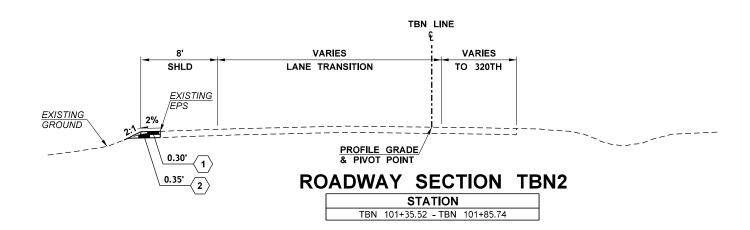
ROADWAY SECTIONS

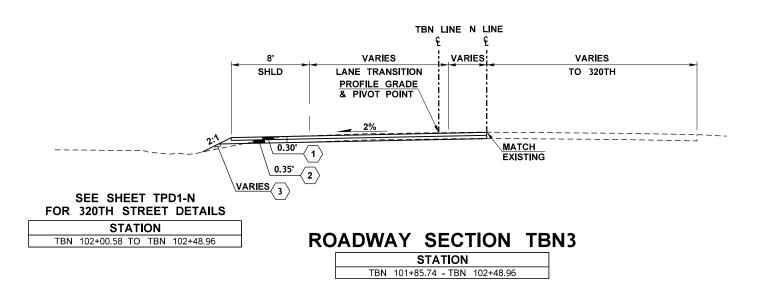
SHEET 52 OF 122 SHEETS



ROADWAY SECTION TBN1

STATIONTBN 101+05.38 - TBN 101+35.52





NOTES:

- ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.

LEGEND:

- **1** HMA CL. 1#2 IN. PG 58H-22
- 2 CRUSHED SURFACING BASE COURSE
- 3 GRAVEL BORROW INCL. HUAL

| FILE NAME | c:\users\blekert\pw_wsdot\d04 | 28194\XL6169_N_PS_TRS_01.dgn | | | | | Т |
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| TIME | 8:04:22 AM | | | | REGION STAT | FED.AID PROJ.NO. | 1 |
| DATE | 12/9/2022 | | | | 10 WAS | | Ι. |
| PLOTTED BY | biekert | | | | IU WAS | 'T | |
| DESIGNED BY | J. CURTIS | | | | JOB NUMBER 20C508 | 1 | F |
| ENTERED BY | T. BIEKER | | | | 200500 | | 17 |
| CHECKED BY | K. BURCH | | | | CONTRACT NO | LOCATION NO. | 1 |
| PROJ. ENGR. | B. KRAMER | | | | | XL6169 | |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | |





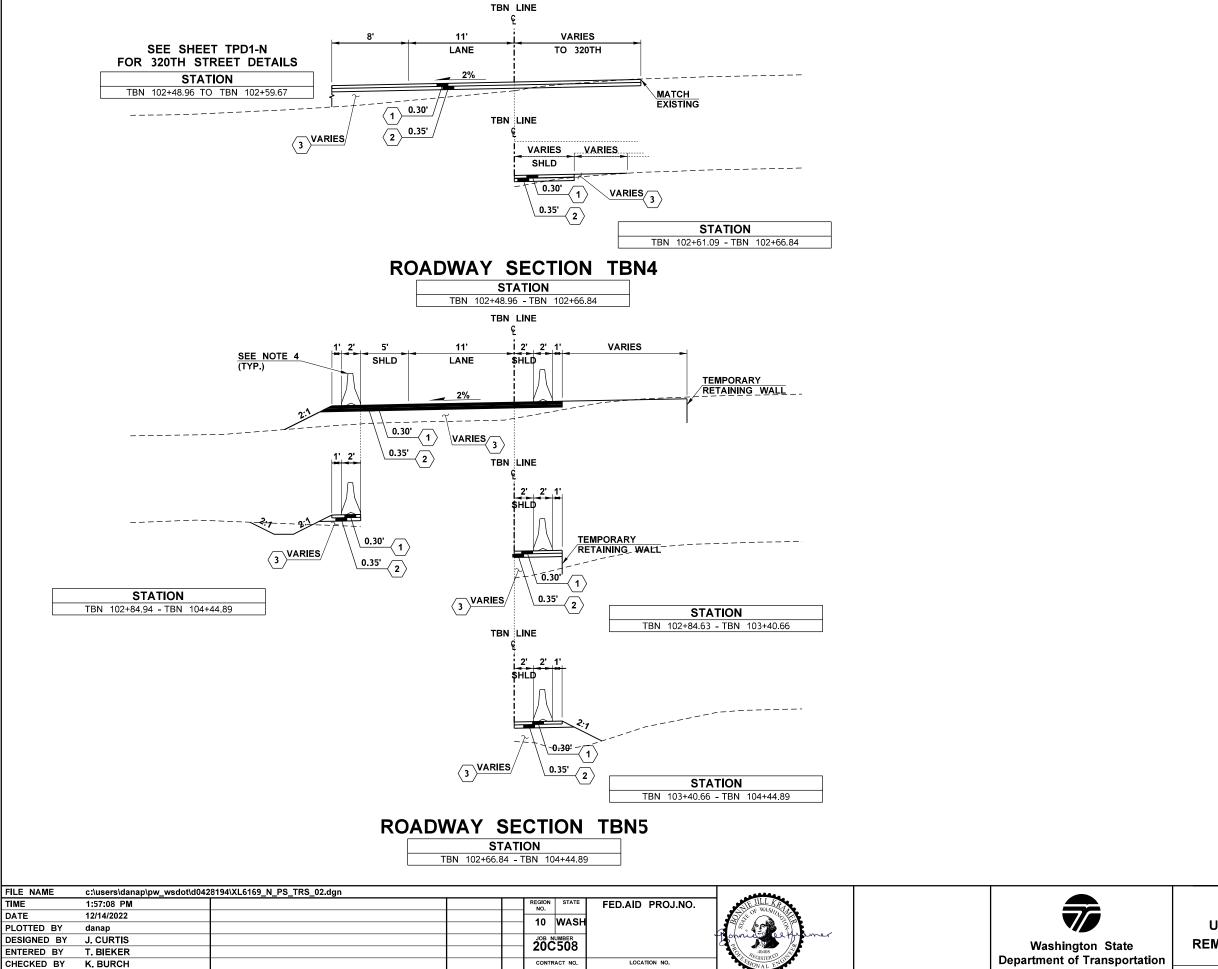
SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

TEMPORARY ROADWAY SECTIONS

TRS1-N
SHEET
53
OF

122 SHEETS

PLAN REF NO



XL6169

PROJ. ENGR.

REGIONAL ADM. S. ROARK

B. KRAMER

REVISION

DATE

BY

SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

DATE

NOTES:

LEGEND:

TEMPORARY ROADWAY SECTIONS

1. ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM

2. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.

CRUSHED SURFACING BASE COURSE

PLAN REF NO

TRS2-N

54 OF

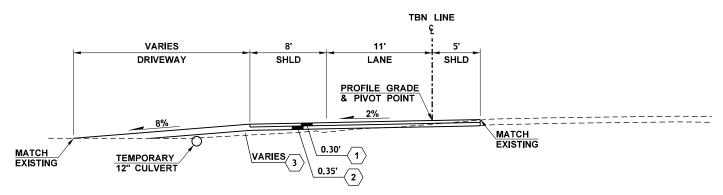
122 SHEETS

GRAVEL BORROW INCL. HUAL

3. TEMPORARY BARRIERS SHALL BE ANCHORED IN ACCORDANCE WITH STANDARD PLAN K-80.35.

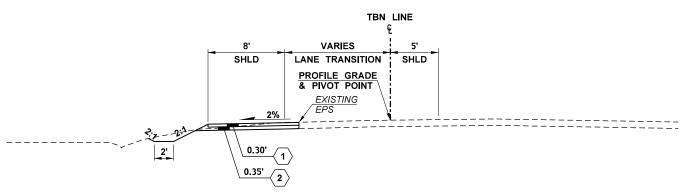
COMPACTED DEPTHS PER LAYER.

1 HMA CL. 1#2 IN. PG 58H-22



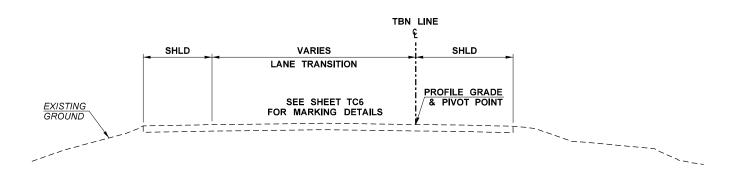
ROADWAY SECTION TBN6

STATION TBN 104+44.89 - TBN 104+82.75



ROADWAY SECTION TBN7

STATION TBN 104+82.75 - TBN 105+47.23



ROADWAY SECTION TBN8

STATION TBN 105+47.23 - TBN 106+32.00

NOTES:

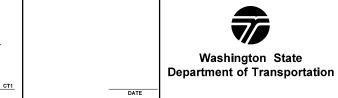
- 1. ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STD. SPEC. 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSE.

LEGEND:

- **1** HMA CL. 1#2 IN. PG 58H-22
- 2 CRUSHED SURFACING BASE COURSE
- 3 GRAVEL BORROW INCL. HUAL

| FILE NAME | c:\users\blekert\pw_wsdot\d04 | 28194\XL6169_N_PS_TRS_03.dgn | | | | | | П |
|---------------|-------------------------------|------------------------------|------|----|---------------|---------------|------------------|----|
| TIME | 8:12:42 AM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | 1 |
| DATE | 12/9/2022 | | | | | WASH | | ١. |
| PLOTTED BY | biekert | | | | יי ן | WASH | | |
| DESIGNED BY | J. CURTIS | | | | JOB N | UMBER 2508 | ` | Ţ |
| ENTERED BY | T. BIEKER | | | | 200 | ,500 | | 13 |
| CHECKED BY | K. BURCH | | | | CONTR | RACT NO. | LOCATION NO. | 1 |
| PROJ. ENGR. | B. KRAMER | | | | 1 | | XL6169 | |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | 1 | | | |





| | SR 7 | | |
|-------------|-----------|-----|--------|
| UNNAMED | TRIBS TO | S C | REEK |
| REMOVE FISI | H BARRIER | S & | PAVING |

TEMPORARY ROADWAY SECTIONS

PLAN REF NO TRS3-N

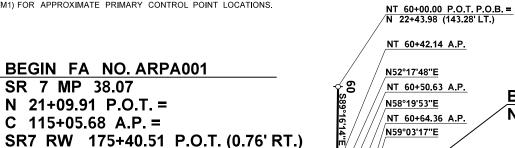
55 OF 122 SHEETS

T.17N. R.3E. & R.4E. W.M.

| | | PRIMARY CO | NTROL TABLE | | | | |
|-------------|-----------------------------------|-------------|-------------|----------------------------|---------------------------|-------|----------|
| | ORIZONTAL DATU) 4602B WA Sout | | | T DATUM TOR 0.999912580 | VERTICAL DATUM NAVD 88 | SHEET | LOCATION |
| DESIGNATION | NORTHING | EASTING | NORTHING | EASTING | ELEVATION | | |
| GP27007-102 | 593882.398 | 1176521.833 | 922017.653 | 1504708.027 | 565.694 | | |
| GP27007-103 | 598558.662 | 1176640.622 | 926694.326 | 1504708.027 | 560.475 | | |
| | | | | | | | |
| | | | | | | | |

TRANSFORM SPC TO PDC (SPC US Feet * (1/CF)) + ((39.37/12) * 100000)=PDC TRANSFORM PDC TO SPC (PDC US Feet - ((39.37/12) * 100000)) * CF=SPC For Report of Survey Mark https://www.wsdot.wa.gov/monument/search.aspx

SEE VICINITY MAP (SHEET VM1) FOR APPROXIMATE PRIMARY CONTROL POINT LOCATIONS.



| ALIGNMENT | COORDINA | TES (FEET) |
|---------------|-----------|------------|
| STATION | NORTHING | EASTING |
| N 20+00.00 | 928647.70 | 1504826.39 |
| NT 60+00.00 | 928893.76 | 1504686.20 |
| TBN 100+00.00 | 928652.08 | 1504838.63 |
| T 200+00.00 | 928872.69 | 1504829.19 |
| DN1 5+00.00 | 929113.34 | 1504832.71 |

| | | Cl | JRVE D | ATA | | | |
|---------------|---------------|---------|---------|---------|-----|-----------|------------|
| P.I. STATION | DELTA | RADIUS | TANGENT | LENGTH | S | NORTHING | EASTING |
| NT 60+86.06 | 33°23'46" LT. | 45.00' | 13.50' | 26.23' | N/A | 928916.78 | 1504765.35 |
| NT 61+19.46 | 49°20'51" RT. | 45.00' | 20.67' | 38.76' | N/A | 928947.58 | 1504780.15 |
| NT 62+06.67 | 61°54'55" LT. | 10.00' | 6.00' | 10.81' | N/A | 928970.82 | 1504866.89 |
| NT 62+19.98 | 12°56'19" LT. | 75.00' | 8.50' | 16.94' | N/A | 928984.94 | 1504870.17 |
| TBN 101+48.05 | 22°03'26" LT. | 200.00' | 38.98' | 76.99' | N/A | 928800.12 | 1504838.63 |
| TBN 103+50.54 | 46°31'26" RT. | 300.00' | 128.96' | 243.60' | N/A | 928988.69 | 1504762.23 |
| TBN 105+35.47 | 23°11'45" LT. | 200.00' | 41.05' | 80.97' | N/A | 929170.06 | 1504844.76 |

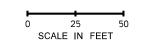
(SEE SHEET AL1-P) END FA NO. ARPA001 T 200+79.90 P.O.E.= N 22+25.00 (79.90' LT.) SR 7 MP 38.18 TBN 103+50.54 P.I. NT 60+72.56 P.C. N 27+46.34 P.O.T. = NT 60+98.79 P.R.C. C 121+42.11 A.P. = DN1 5+49.47 P.O.E.= NT 60+86.06 P.I. T 200+20.04 P.O.T. = TBN 102+25.68 P.O.C. SR7 RW 169+04.08 P.O.T. (0.15' RT.) N 24+65.68 (49.47' LT.) (SEE SHEET AL1-P) NT 61+19.46 P.I. TBN 104+65.17 P.T. TBN 102+21.57 P.C. N 20+00.00 P.O.T. P.O.B. = SR7 RW 176+50.42 P.O.T. (0.67' RT.) TBN 101+86.06 P.T. N22°03'26"W NT 61+37.55 P.T. N 21+76.08 P.O.T. = TBN 101+72.76 P.O.C. = NT 61+27.17 P.O.C. = TBN 103+04.30 P.O.C. NT 61+69.75 P.O.T. = /SR7 RW 173+36.82 P.O.T. TBN 104+73.37 P.O.T. = DN1 5+13.67 P.O.T. N24°28'00"E 102 TBN 104+94.42 P.C. 20 SR7 RW LINE 176 175 /1₀₅₂₅ 23 N LINE N0°50'20"E 171 MOUNTAIN HWY E26 100 S0°45'39"W T.17N¹⁷⁰R.3E. 27 169 101 N0°42'45"E TBN LINE N 24+65.68 P.O.T. = DN1 5+00.00 P.O.B. N 23+13.39 P.O.T. =/ NT 61+68.98 P.O.T. NT 62+00.67 P.C. 106 T.17N. R.4E. N0°00'00"E NT 62+11.48 P.C.C. N 24+98.19 P.O.T. = TBN 105+08.65 P.O.C. = TBN 105+10.12 P.O.C. = SR7 RW 171+50.85 P.O.T. TBN 101+09.07 P.C. N1°16'15"E NT 62+28.42 P.T. N3°12'18"E N 27+55.16 P.O.T. P.O.E. = TBN 105+75.39 P.T. TBN 101+70.20 P.O.C. = SR7 RW 174+76.77 P.O.T. SR7 RW 168+95.26 P.O.T. (0.14' RT.) TBN 105+35.47 P.I. NT 62+06.67 P.I. 63 TRIBUTARY TO SOUTH CREEK TBN 100+00.00 P.O.T. P.O.B. = N 20+04.53 (12.19' RT.) = SR7 RW 176+45.89 P.O.T. (11.52' LT.) NT 63+87.31 P.O.T. P.O.E. = NT 63+72.05 A.P. N 25+05.21 P.O.T. (37.61' RT.) NT 63+15.17 A.P. NT 62+61.52 A.P. TBN 101+48.05 P.I. NT 62+19.98 P.I. TBN 106+57.05 P.O.T. P.O.E. = N 26+45.27 (12.14' RT.) = SR7 RW 170+05.16 P.O.T. (11.85' LT.) **END CONSTRUCTION** NT 62+35.00

BEGIN CONSTRUCTION

NT 60+70.00

NOTES

- PER RCW 58.09.130, ANY MONUMENT OR CORNER DISTURBED BY THE CONTRACTOR'S OPERATION SHALL BE REPLACED AT NO COST TO THE CONTRACTING AGENCY.
- 2 .THE BASIS OF BEARINGS AND DISTANCES ARE DETERMINED FROM WASHINGTON STATE PLANE COORDINATE SYSTEM SOUTH ZONE (NAD 83/11).
- 3. THE DISTANCES SHOWN ARE GROUND DISTANCES IN U.S. SURVEY FEET.
- 4. SEE DRAINAGE PLANS FOR DRAINAGE ALIGNMENTS.



LEGEND

176

176

21

CONSTRUCTION ALIGNMENT CENTERLINE AND STATIONING

| 3 | FILE NAME | c:\users\blekert\pw_wsdot\d03° | 11763\XL6169_N_PS_AL_01.dgn | | | | | | ı |
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| Ĺ | TIME | 8:19:42 AM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | ı |
| ţ | DATE | 12/9/2022 | | | | | WASH | | ١. |
| È | PLOTTED BY | biekert | | | | יי ן | WASH | | |
| Ξ | DESIGNED BY | K. BURCH | | | | JOB N | 508 | | Į |
| 3 | ENTERED BY | K. BURCH | | | | 200 | ,500 | | Ī |
| ۶ | CHECKED BY | K. BURCH | | | | CONTR | ACT NO. | LOCATION NO. | ı |
| ₹ | PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | ı |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | ı |





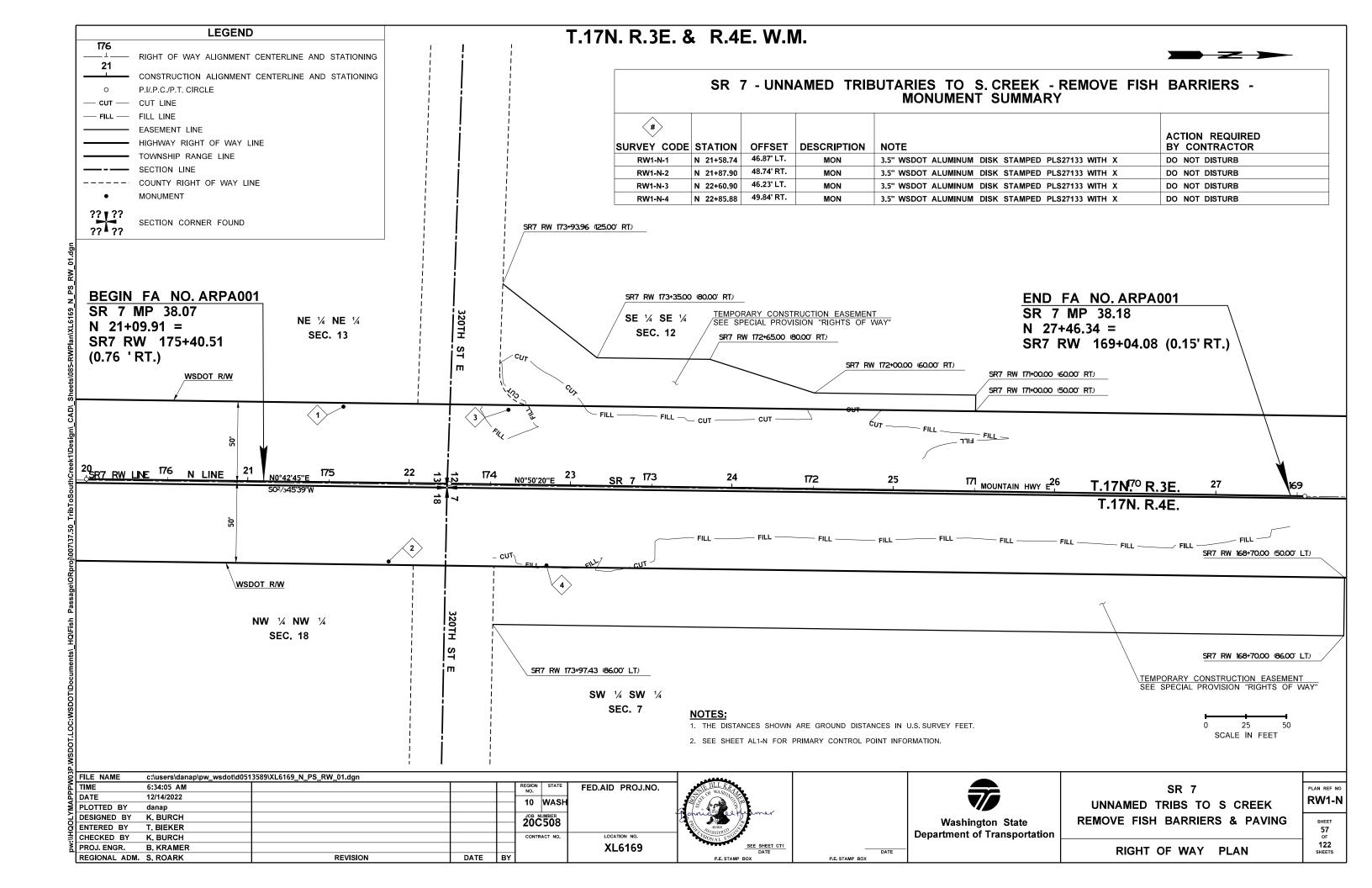
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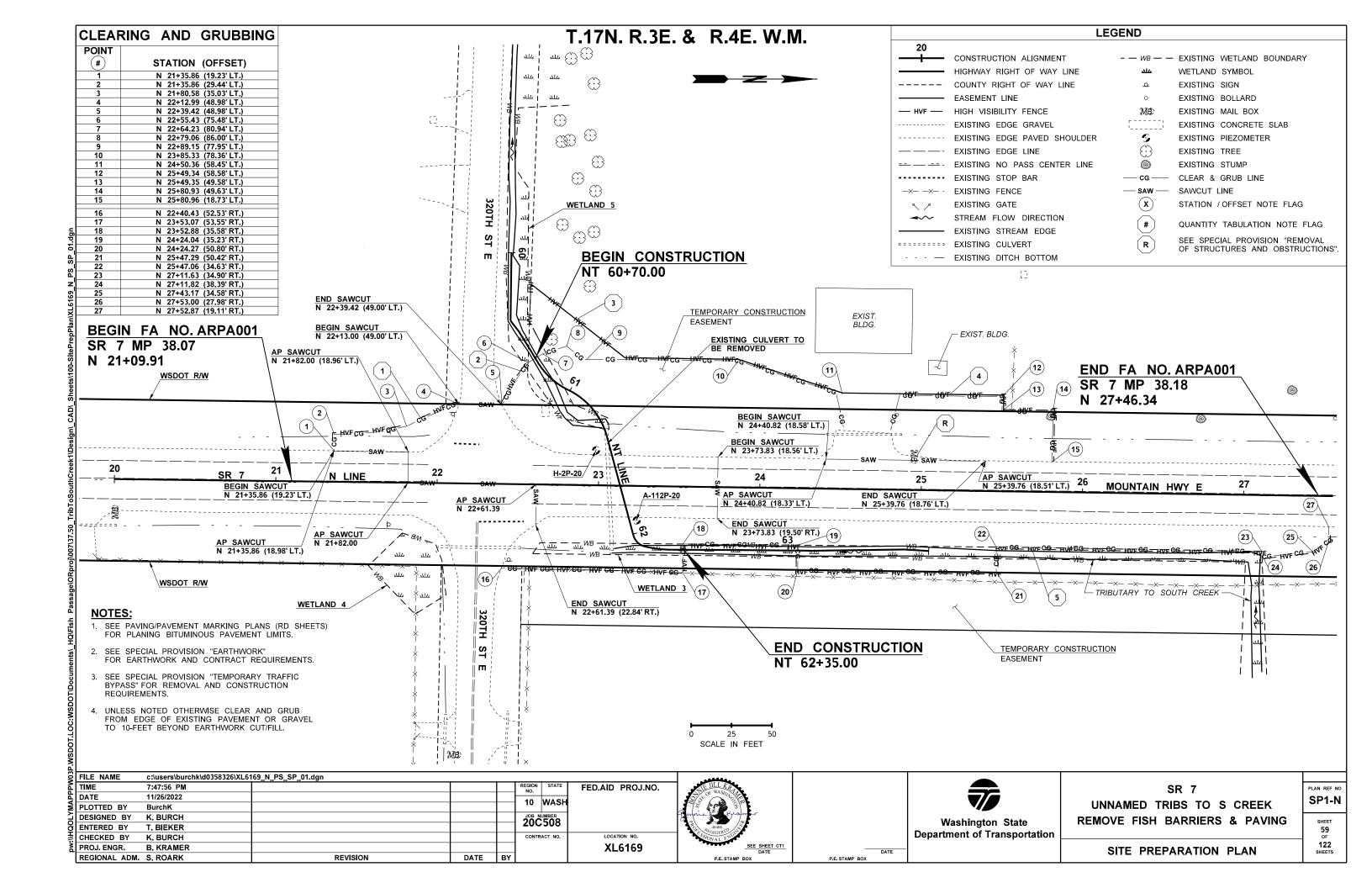
ALIGNMENT PLAN

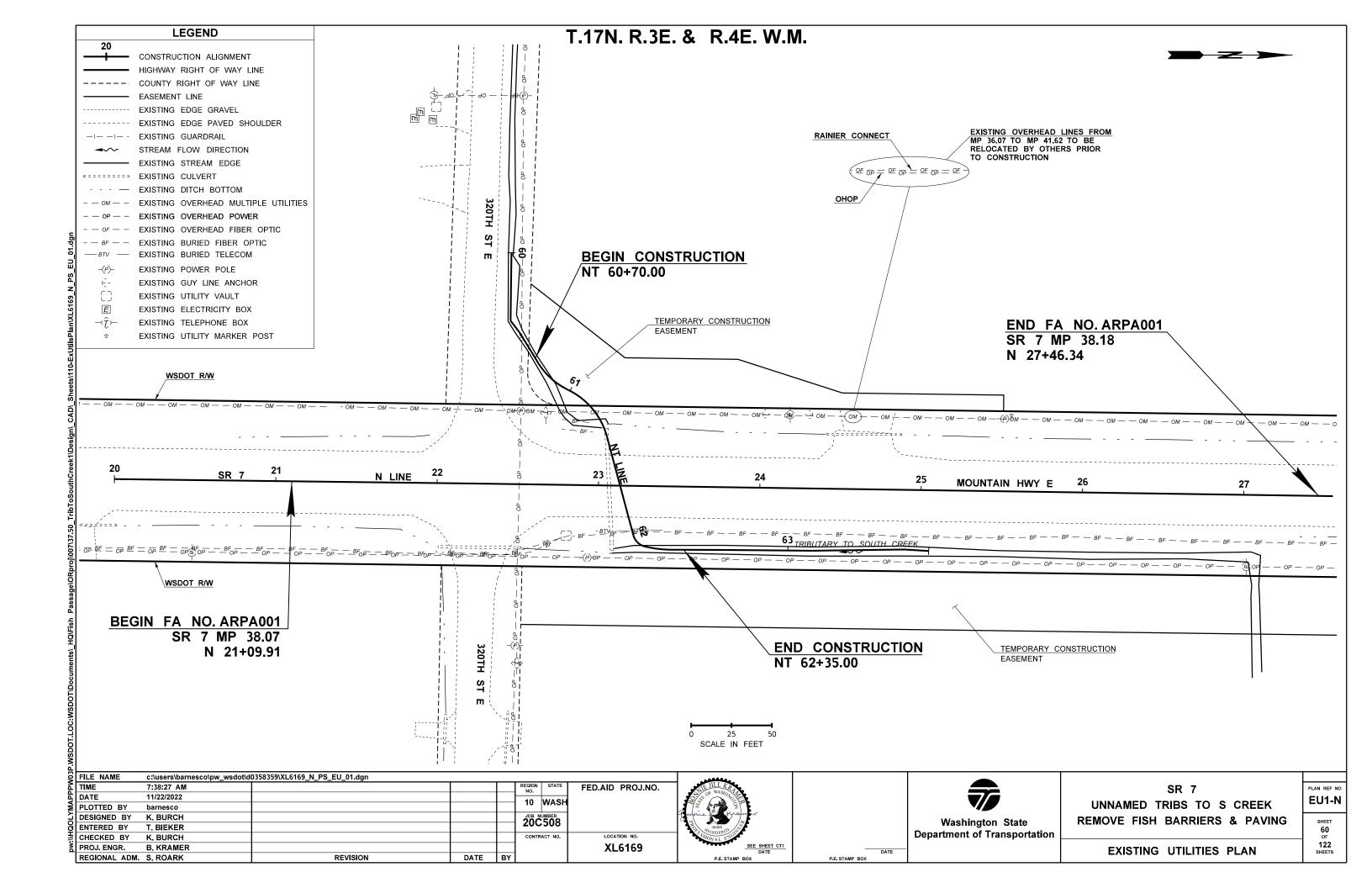
56 or 122 SHEETS

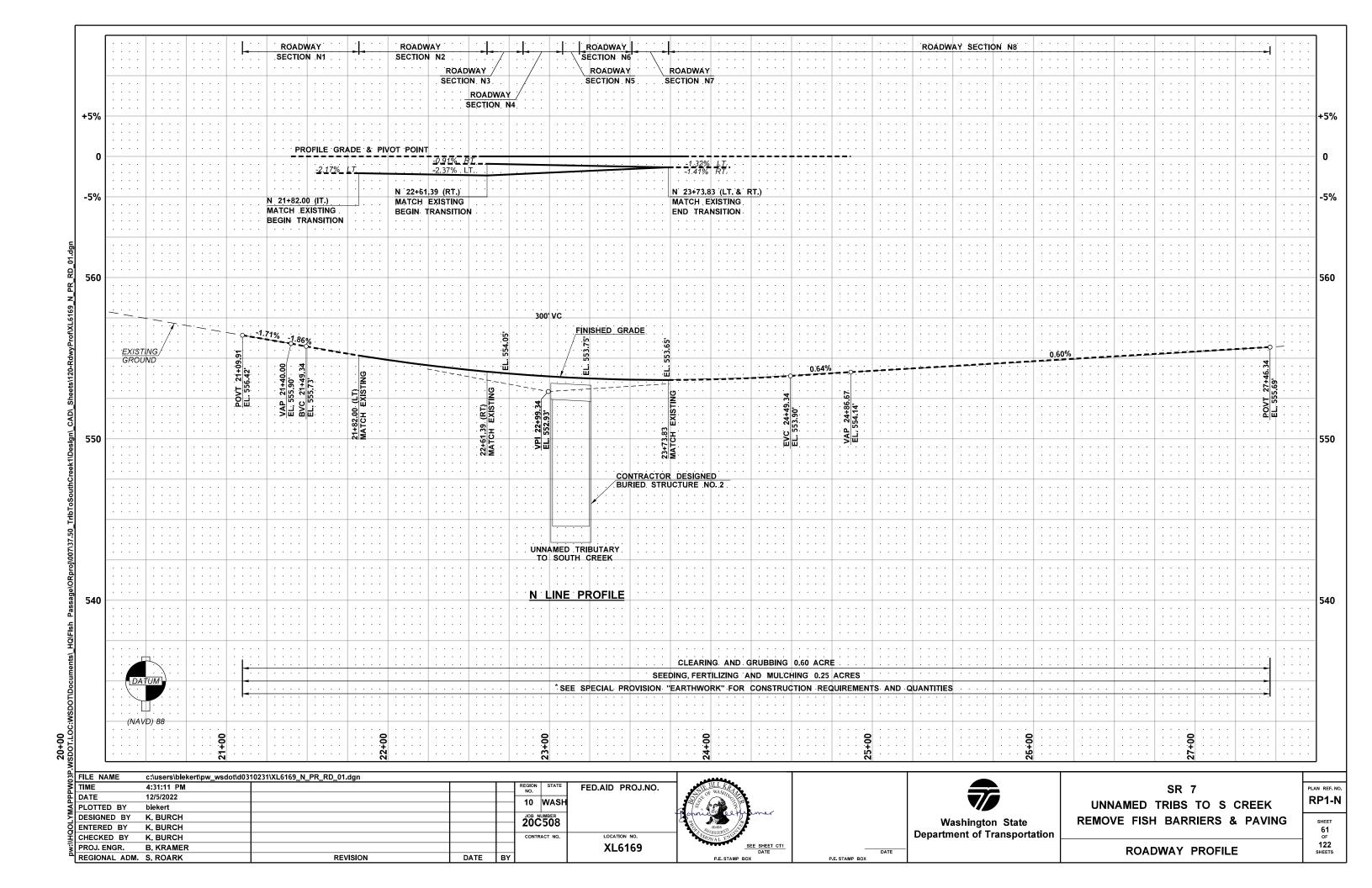
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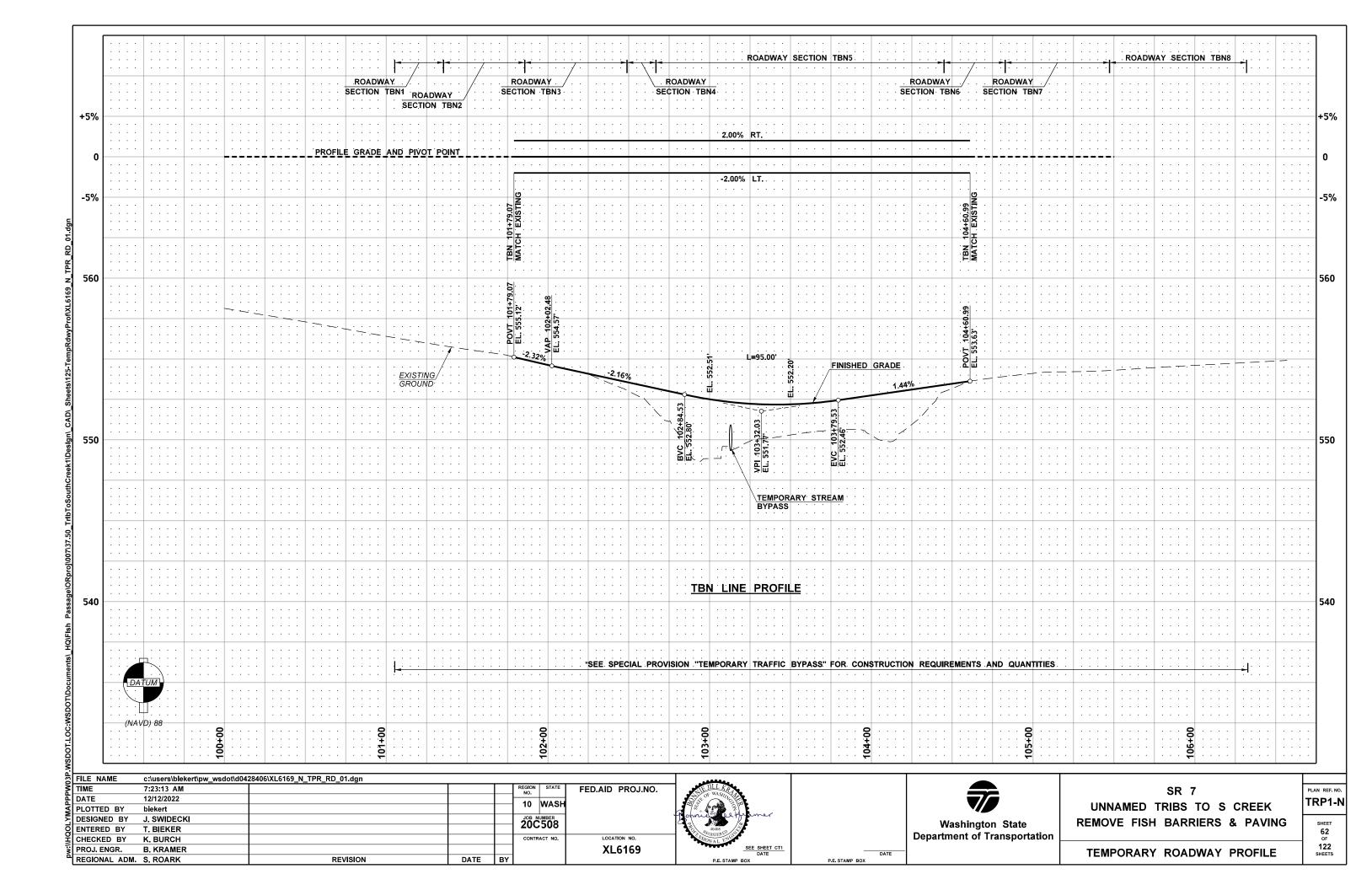


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| Т | T T | | | | | | | | | | | | GENERAL NOTES: |
| NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET. | | HIGH VISIBILITY FENCE | | | | | | | | | | GENERAL NOTES | SENERAL NOTES. |
| CODE LOCATION ∀ \ UNIT OF MEASURE > | | り エ L.F. | | | | | | | | | | SEE | |
| | | | | | | | | | | | | | 1. SEE STD. PLAN I-10.10, HIGH VISIBILITY |
| SP1-N-1 STA N 21+34.86 (19.23' LT.) TO STA N 22+13.06 (49.98' LT.) | | 93 | | | | | | | | | | 1 | FENCE. |
| SP1-N-2 STA N 22+38.53 (49.45' LT.) TO STA N 22+53.05 (73.80' LT.) | | 28 | | | | | | | | | | 1 | _ |
| SP1-N-3 STA N 22+65.72 (82.56' LT.) TO STA N 24+50.34 (59.50' LT.) | | 256 | | | | | | 1 | | | | 1 | - |
| SP1-N-4 STA N 24+85.34 (59.50' LT.) TO STA N 25+81.96 (18.75' LT.) | | 138 577 | | | | | | 1 | | | | 1 | - |
| SP1-N-5 STA N 22+40.55 (52.20' RT.) TO N 27+53.87 (19.09' RT.) | | 511 | | | | | | 1 | | | | ' | - |
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| SHEET TOTAL PROJECT TOTAL | | 1092 1092 | | | | | | | | | | | - |
| PROJECTIONAL | | 1092 | REGION NO. | STATE | FED. AID | PRO I NO | | I | | | I | | <u> </u> |
| | | 1 | REGION NO. | SIAIE | FED. AID | r NOJ. NO. | | | | | | | SR 7 QTSP1-N |
| DESIGNED BY J. CURTIS | | | 10 | WASH | | | | | | | | | UNNAMED TRIBS TO S CREEK |
| ENTERED BY J. CURTIS | | | † · ` | | | 4004 | | | Was Was | shington State | | | MOVE FISH BARRIERS & PAVING SHEET |
| CHECKED BY K. BURCH | | | | UMBER | ARP. | | | | Dep | shington State partment of Trans | sportation | '`` | 58 |
| PROJ. ENGR. B. KRAMER | | | 20C | 508 | 007(| (032) | | | | | - | | OF |
| REGION ADM. S. ROARK | | | | ACT NO. | | | | | | | | QUAN | TITY TABULATION - SITE PREPARATION 122 |
| DATE DATE | REVISION | BY | <u> </u> | | | | | | | | | | SHEETS |

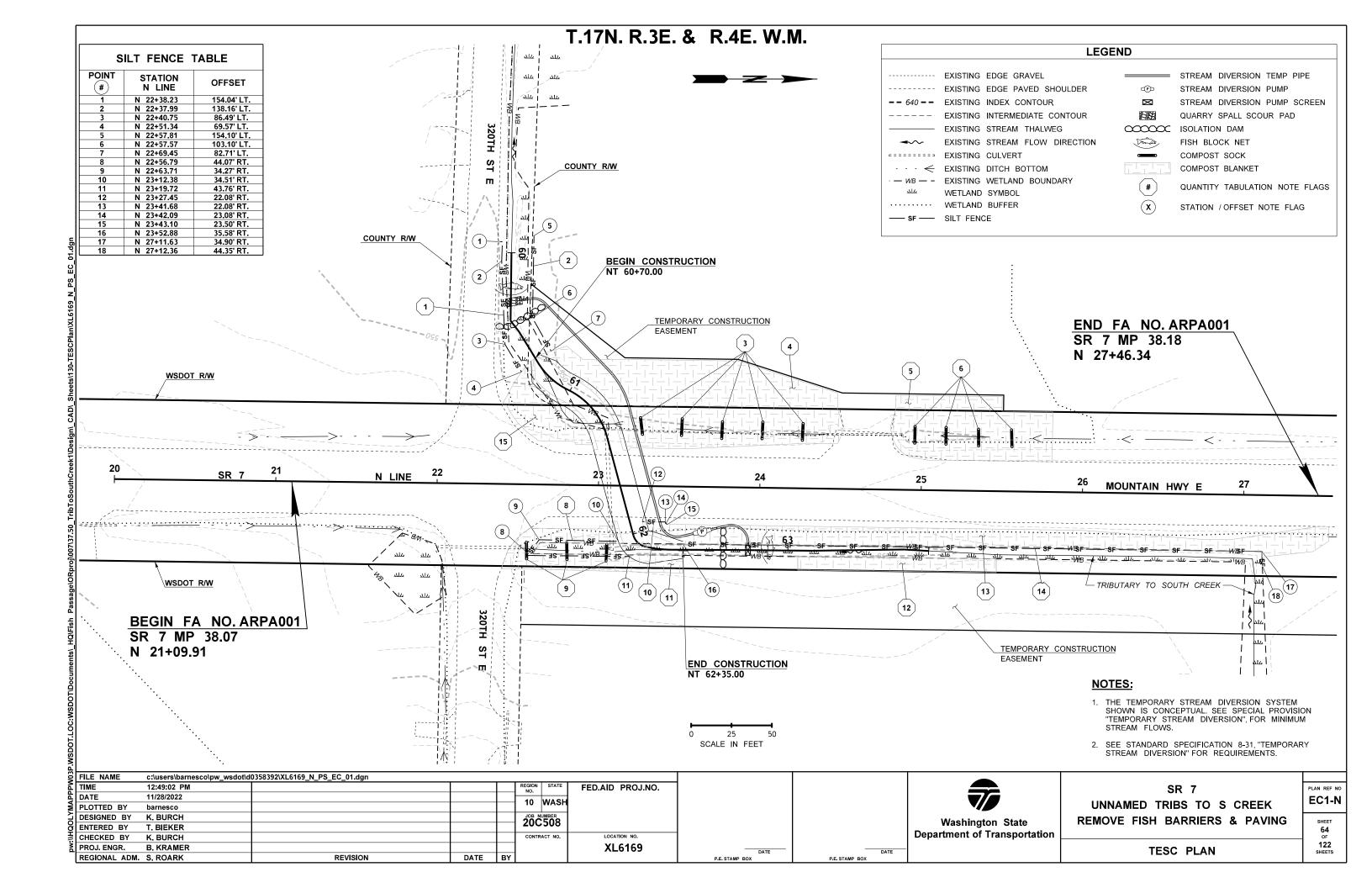




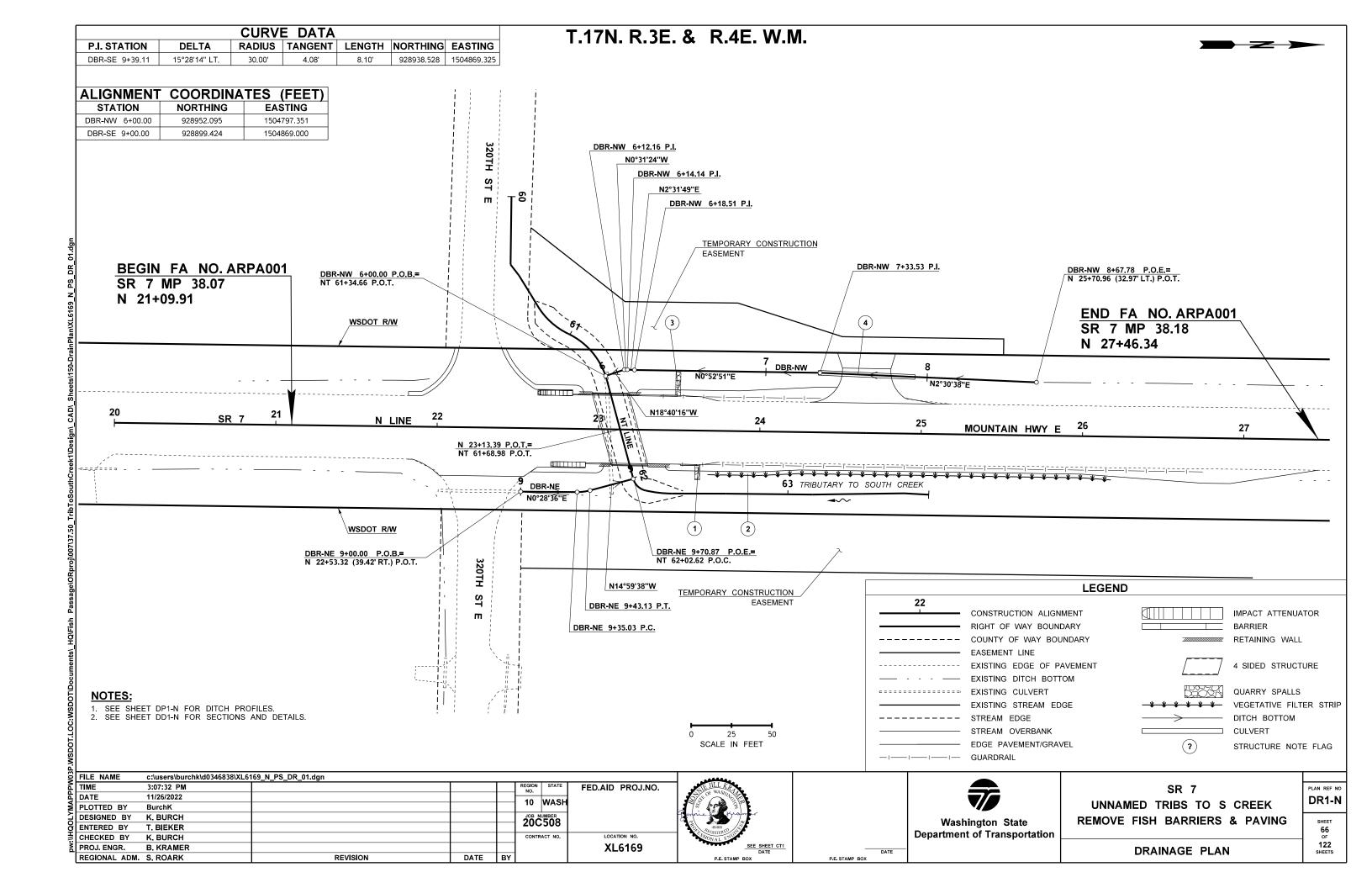


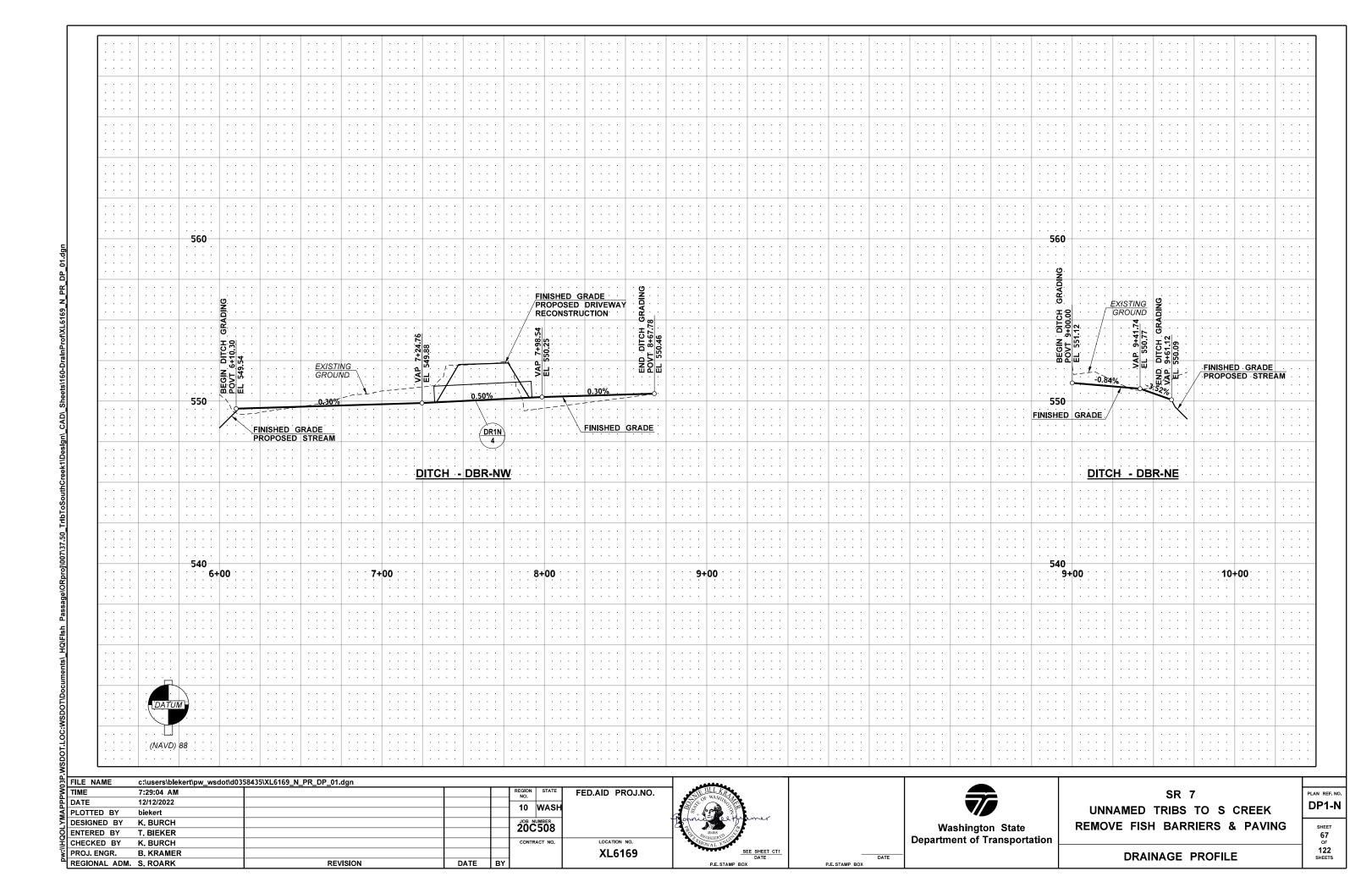


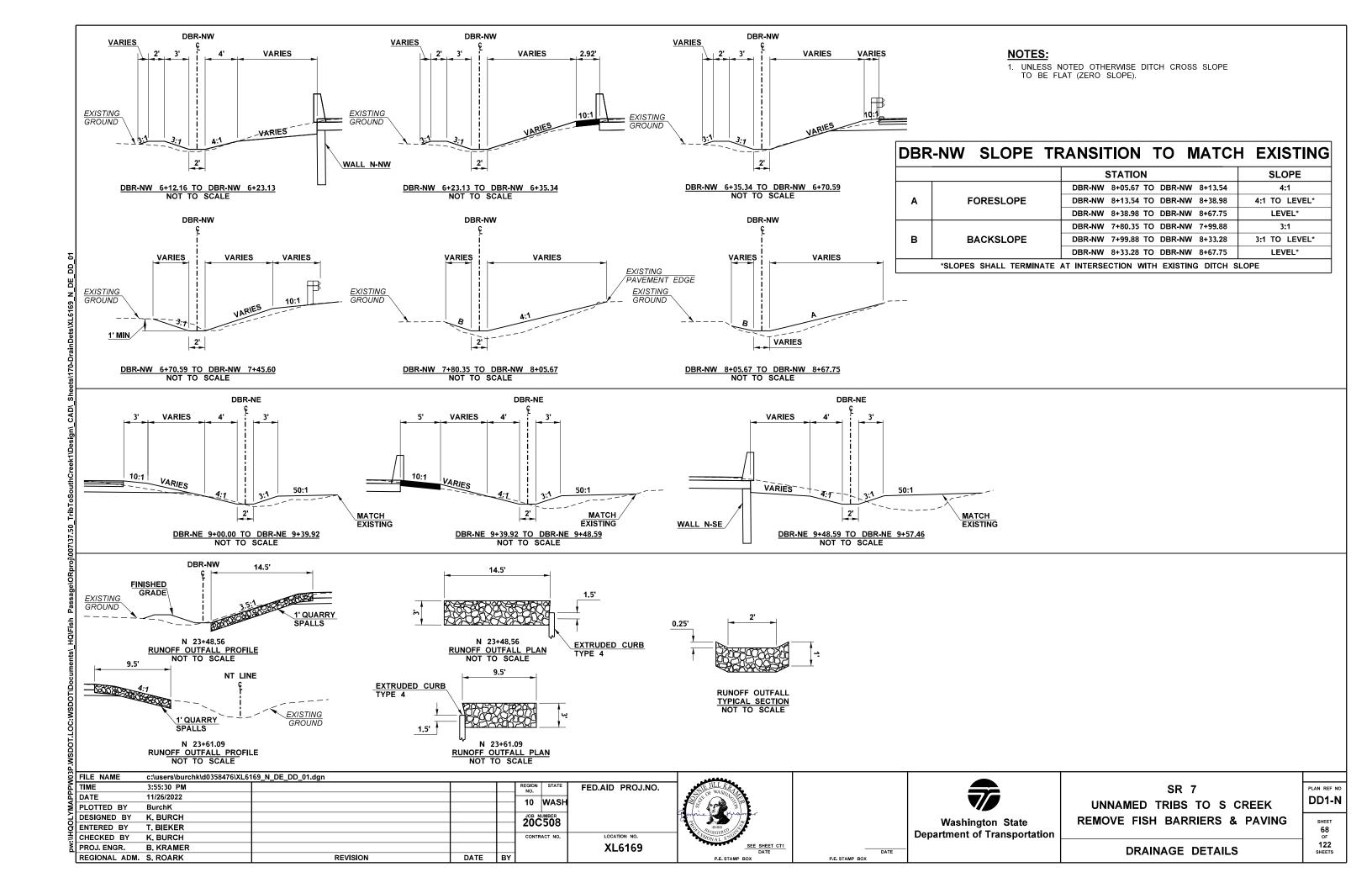
| | | | Q | UAN | TITY | TAB | ULA ⁻ | TION | I - TE | SC | | | | | | |
|---|------------------|--------------|-------------------|------|------------|-----------|------------------|------|--------|----|-------------------------|------------------------|----------|-------------------|--|---------------------|
| NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET. | SILT FENCE | SOMPOST SOCK | COMPOST BLANKET | | | | | | | | | | | SEE GENERAL NOTES | GENERAL NOTES: | |
| CODE LOCATION V UNIT OF MEASURE > EC1-N-1 N 22+38.23 (150.04' LT) to N 22+51.34 (69.57' LT) EC1-N-2 N 22+57.81 (154.10' LT) to N 22+69.45 (82.71' LT) EC1 N 2 N 22+57.81 (154.10' LT) to N 24+08.07 (24.47' LT) | L.F. 84 75 | L.F. | S.Y. | | | | | | | | | | | 1 1 2 | 1. SEE STD. PLAN I-30.15, SILT FENCE 2. SEE STD. PLAN I-30.40, COMPOST SC | OCK |
| EC1-N-3 N 23+25.84 (37.29' LT) to N 24+26.07 (34.17' LT) EC1-N-4 N 22+60.56 (LT) to N 24+47.63 (LT) EC1-N-5 N 24+83.44 (LT) zto N 25+80.96 (LT) | | | 840 398 | | | | | | | | | | | 2 | | |
| EC1-N-6 N 24+95.52 (34.09' LT) to N 25+55.62 (33.28' LT) EC1-N-7 NOT USED EC1-N-8 N 23+12.83 (34.51' RT) to N 23+19.72 (43.76' RT) EC1-N-9 N 22+39.36 (58.95' RT) to N 23+05.59 (42.49' RT) | 124 | 80 | | | | | | | | | | | | 1 2 | | |
| EC1-N-10 N 23+27.45 (22.08' RT) to N 23+43.10 (23.50' RT) EC1-N-11 N 22+40.43 (RT) to N 23+53.07 (RT) EC1-N-12 N 24+24.27 (RT) to N 25+47.29 (RT) | 16 | | 203 | | | | | | | | | | | 1 | | |
| ECI-N-12 N 23+27.45 (RT) to N 23+47.29 (RT) EC1-N-13 N 23+27.45 (RT) TO N 27+52.87 (RT) EC1-N-14 N 23+52.88 (35.58' RT) to N 27+12.36 (44.35' RT) EC1-N-15 N 22+39.51 (LT) to N 22+99.33 (LT) | 369 | | 515 | | | | | | | | | | | 1 | | |
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| SHEET TOTAL PROJECT TOTAL | 668 668 | 240 240 | 2233 2233 | | | | | | | | | | | | | |
| DESIGNED BY T. KELLY 09/22/22 ENTERED BY T. KELLY 09/22/22 | | | REGION NO. | WASH | FED. AID F | PROJ. NO. | | | | | Washin -t | . Ctata | | | SR 7 UNNAMED TRIBS TO S CREEK MOVE FISH BARRIERS & PAVING | QTE SH |
| CHECKED BY K. BURCH PROJ. ENGR. B. KRAMER REGION ADM. S. ROARK DATE DATE | | VISION | JOB NI 200 CONTRA | 508 | ARPA001 | 007 (032) | | | | 7/ | Washingtor Departmen | i State t of Transp | ortation | ne | QUANTITY TABULATION - TESC | 6 0 12 SHE |

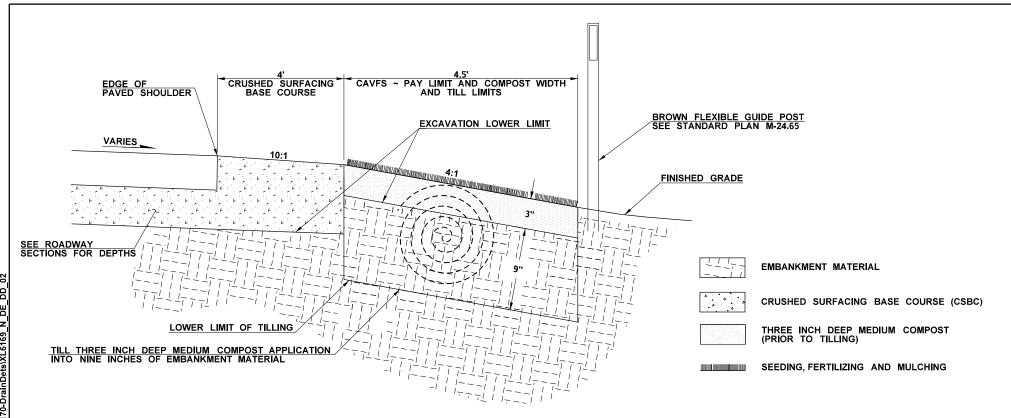


| | | | | | ST | RUC | CTUR | E NO | TES - | - DR | AIN | 4GE | | | | | | |
|--|--|-----|---------------|---|-------------------------|----------------------------|---------------|----------|-------|------|-----|-----|---------------------------------|----------------------|----------|--------------------|---|--------------------|
| NO. OR THE SHEET R THE DRAINAGE FEAT THE SECOND NUMBE DRAINAGE FEATURE | W REFERS TO THE SHEET EFERENCE NO. SHOWING URE. R REFERS TO THE FOUND ON THAT SHEET. | | QUARRY SPALLS | DUCTILE IRON SEWER PIPE 12 IN. DIAM. | | CAVFS | | | | | | | | | | SEE GENERAL NOTES | GENERAL NOTES: | |
| R1-N-1 N 23+61.59 (21.6 R1-N-2 N 23+67.96 (25.75 R1-N-3 N 23+49.37 (21.6 | RT.) to N 26+17.96 (26.83' RT.) | | 2 2 | 60 60 | | S.Y. 125 | | | | | | | | | | 1 3,4 1 2 | 1. SEE SHEET DD1-N FOR DRAINAGE DETAILS. 2. SEE SHEET DP1-N FOR DRAINAGE PRO 3. SEE SHEET DD2-N FOR CAVFS DETAILS 4. SEE SPECIAL PROVISION "CAVFS". | |
| | SHEET TOTAL PROJECT TOTAL | | 4 4 | 60 | REGION NO. | 125 125 STATE | FED. AID P | ROJ. NO. | | | | | | | | | SR 7 | SN |
| ESIGNED BY J. CURT NTERED BY J. CURT HECKED BY K. BURG ROJ. ENGR. B. KRAM EGION ADM. S. ROAF | CH MER | REV | /ISION | ВУ | JOB NU 20C CONTRA | 508 | ARPA 007(0 | | | | | | <i>N</i> ashington Departmen | State t of Transp | ortation | RE | UNNAMED TRIBS TO S CREEK MOVE FISH BARRIERS & PAVING STRUCTURE NOTES - DRAINAGE | SHE 65 OF 122 SHEE |









COMPOST AMENDED VEGETATED FILTER STRIP (CAVFS)

RIGHT SIDE SHOWN, MIRROR FOR LEFT SIDE SEE SPECIAL PROVISION "ROADSIDE RESTORATION" NOT TO SCALE

NOTES:

- 1. SEE SHEET SN1-N FOR CAVFS LOCATION AND QUANTITIES.
- 2 . SEE SHEET QTPV1-N FOR PLASTIC DRAINAGE MARKING FOR STORMWATER BMP LOCATION AND QUANTITIES.
- SEE SHEET PV1-N FOR GUIDEPOST LOCATION AND QUANTITIES.
- 4. SEE STD PLAN M-24.65 FOR ADDITIONAL DETAILS



WSDOT STORMWATER BMP STICKER

SEE STANDARD PLAN M-24.65 FOR DETAILS NOT SHOWN

NOT TO SCALE

| ≋ | FILE NAME | c:\users\blekert\pw_wsdot\d03! | 58476\XL6169_N_DE_DD_02.dgn | | | | | | |
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| 3 | TIME | 7:34:14 AM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | 1, |
| Ì | DATE | 12/12/2022 | | | | | WASH | | 3 |
| È | PLOTTED BY | biekert | | | | 10 | WASH | | <i>-</i> |
| בֻ | DESIGNED BY | K. BURCH | | | | | IUMBER | | To. |
| ತ | ENTERED BY | T. BIEKER | | | | 200 | ;508 | | |
| Ę | CHECKED BY | K. BURCH | | | | CONTR | RACT NO. | LOCATION NO. | 7 |
| Ѯ | PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |





| | SR 7 | | | | | | | | |
|------------------|------------------------------|--|--|--|--|--|--|--|--|
| | UNNAMED TRIBS TO S CREEK | | | | | | | | |
| Washington State | REMOVE FISH BARRIERS & PAVIN | | | | | | | | |

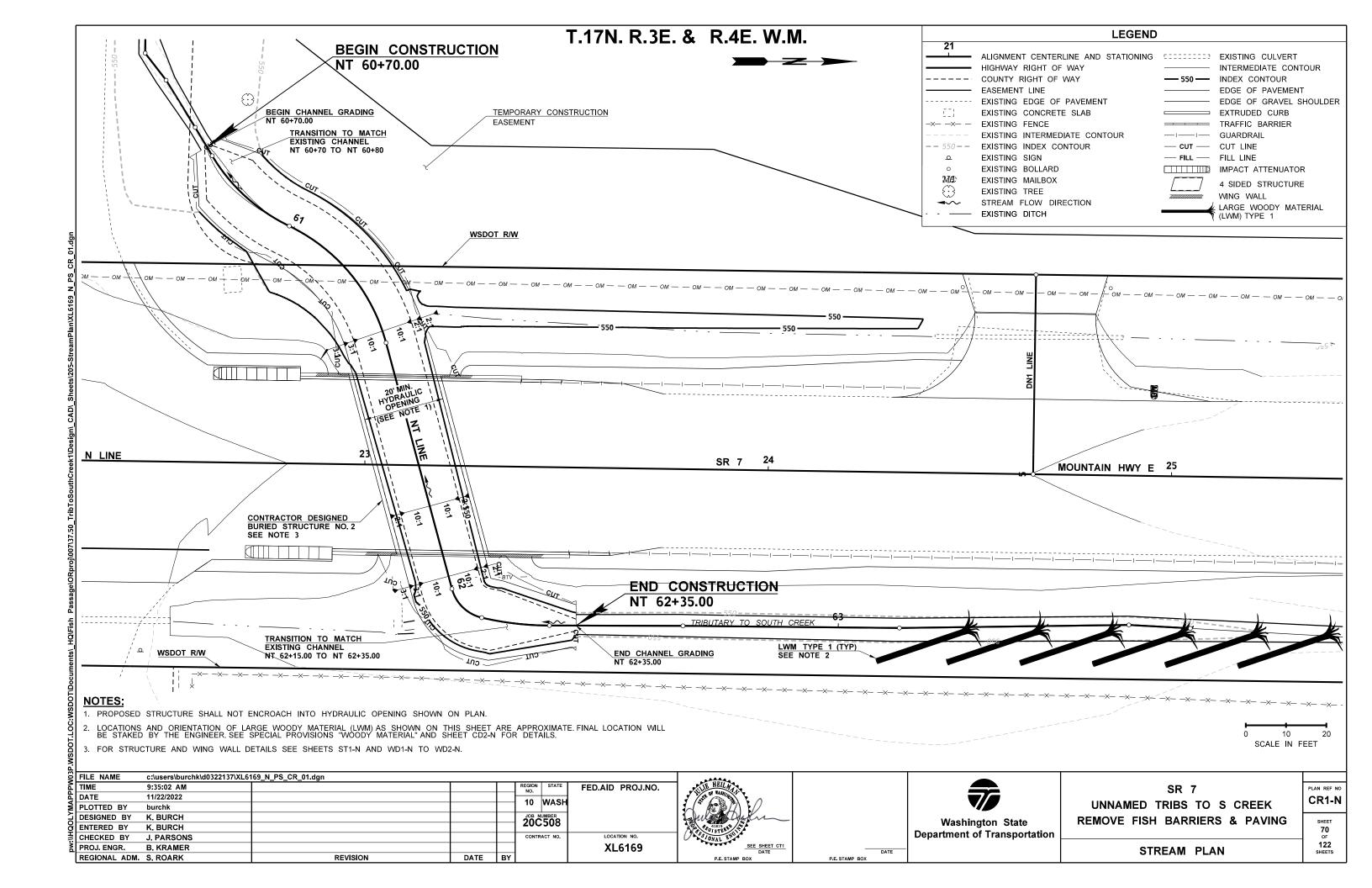
FISH BARRIERS & PAVING

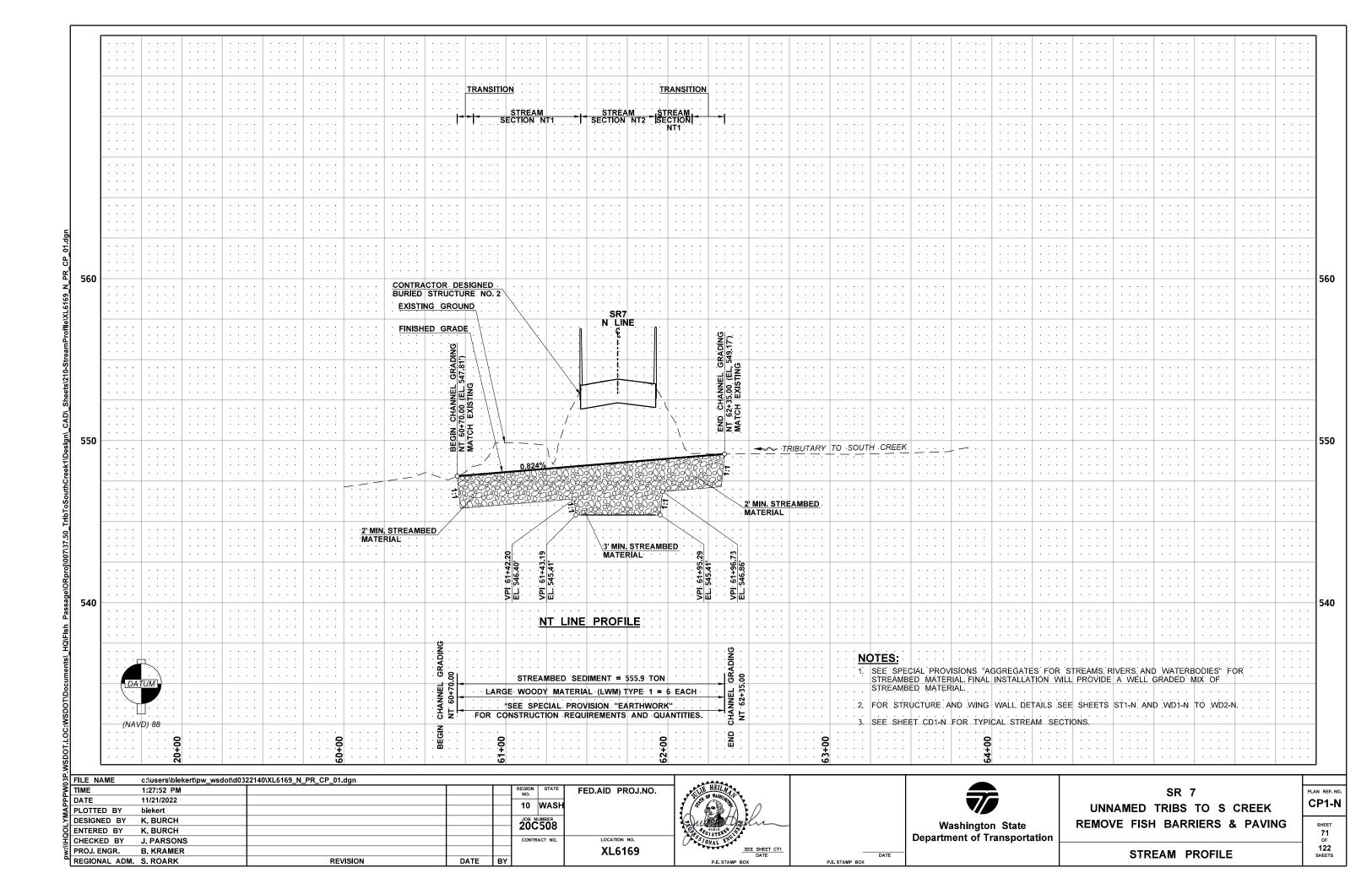
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CAVFS DETAILS

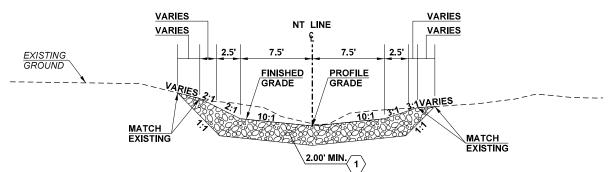
SHEET

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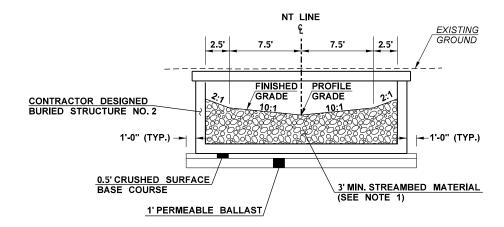






STREAM SECTION NT1

(NOT TO SCALE) STATION NT 60+80.00 TO NT 61+46.03 NT 61+91.93 TO NT 62+15.00

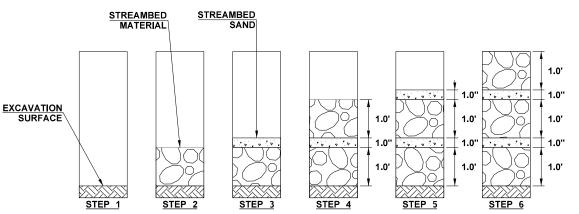


STREAM SECTION NT2

(NOT TO SCALE) STATION NT 61+46.03 TO NT 61+91.93

NOTES:

- 1. STREAMBED MATERIAL SHALL BE INSTALLED IN 1-FOOT LIFTS. CONTRACTOR SHALL FOLLOW DETAIL(S) "STREAMBED MATERIAL PLACEMENT SEQUENCE OF WORK".
- SEE SPECIAL PROVISIONS "AGGREGATE FOR STREAMS, RIVERS, AND WATERBODIES" FOR STREAMBED MATERIAL FINAL INSTALLATION WILL PROVIDE A WELL GRADED MIX OF STREAMBED MATERIAL.



STREAMBED MATERIAL PLACEMENT SEQUENCE OF WORK

NOT TO SCALE

STREAMBED CHANNEL PREPARATION

EXCAVATE CHANNEL TO ACCOMODATE STREAMBED MATERIAL.

PLACE 1.0' LIFT OF STREAMBED MATERIAL.

PLACE A LAYER OF STREAMBED SAND UNIFORMLY OVER STREAMBED MATERIAL APPLY WATER TO STREAMBED SAND SEE NOTE 1.

STEP 4

(REPEAT STEP 2)

STEP 5 (REPEAT STEP 3)

PLACE REMAINING ~1.0'LIFT OF STREAMBED MATERIAL. GRADE AS SHOWN IN STREAMBED SECTION DETAILS. SEE NOTE 2.

DETAIL NOTES:

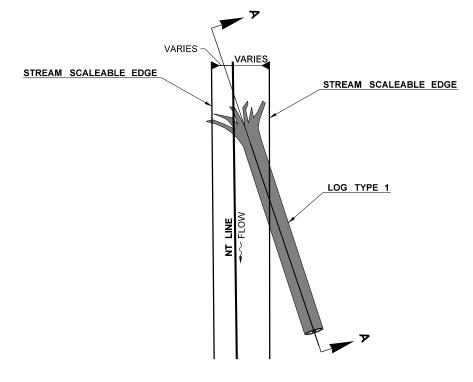
- APPLY WATER TO SAND LAYERS TO FACILITATE FILLING INTERSTITIAL VOIDS. SEE SPECIAL PROVISIONS "AGGREGATES FOR STREAMS, RIVERS, AND WATERBODIES" FOR MORE DETAILS.
- 2. FOR AREAS OF STREAM CHANNEL THAT EXCEED 3.0'IN DEPTH, ADDITIONAL LAYERS MAY BE REQUIRED. REPEAT STEPS AS NECESSARY.

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| TIME | 2:08:34 PM | | | | REGION STATE | FED.AID PROJ.NO. |
| DATE | 11/21/2022 | | | | NO. | |
| PLOTTED BY | biekert | | | | 10 WASH | |
| DESIGNED BY | K. BURCH | | | | JOB NUMBER | |
| ENTERED BY | K. BURCH | | | | 20C508 | |
| CHECKED BY | J. PARSONS | | | | CONTRACT NO. | LOCATION NO. |
| PROJ. ENGR. | B. KRAMER | | | | | XL6169 |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | |



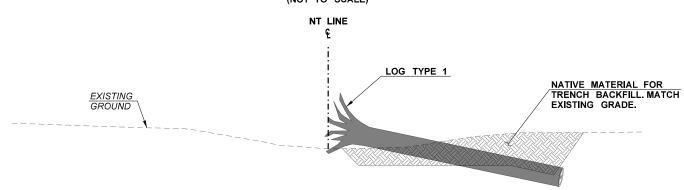


| SR 7 Unnamed tribs to S creek | PLAN REF NO CD1-N |
|----------------------------------|--------------------------|
| REMOVE FISH BARRIERS & PAVING | SHEET 72 OF |
| STREAM DETAILS | 122 SHEETS |



LARGE WOODY MATERIAL

TYPE 1 (NOT TO SCALE)



LARGE WOODY MATERIAL TYPE 1 SECTION A-A (NOT TO SCALE)

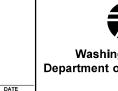
| LARGE WOODY MATERIAL TYPE 1 | | | | | | | | | | | |
|-----------------------------|---|-------|-----------|--------------------|--|--|--|--|--|--|--|
| LOG | LOG DESCRIPTION | LAYER | TREE TYPE | NOTES | | | | | | | |
| 1 | 20'LONG, MIN 18" DBH KEY LOG WITH ROOTWAD | 1 | CONIFER | BURY 2/3 INTO BANK | | | | | | | |

NOTES:

- 1. SEE SPECIAL PROVISION "WOODY MATERIAL" FOR CONSTRUCTION REQUIREMENTS.
 2. LOCATIONS AND ORIENTATION OF LARGE WOODY MATERIAL (LWM) AS SHOWN ON THIS SHEET ARE APPROXIMATE AND WILL BE STAKED BY THE ENGINEER.

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| TIME | 10:53:57 AM | | | | REGION NO. | STATE | FED.AID PROJ.NO. |
| DATE | 11/16/2022 | | | | | WASH | |
| PLOTTED BY | biekert | | | | יי ן | WASH | |
| DESIGNED BY | J. PARSONS | | | | JOB N | UMBER 508 | |
| ENTERED BY | T. BIEKER | | | | 200 | ,500 | |
| CHECKED BY | J. HEILMAN | | | | CONTR | RACT NO. | LOCATION NO. |
| PROJ. ENGR. | B. KRAMER | | | | 1 | | XL6169 |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | |





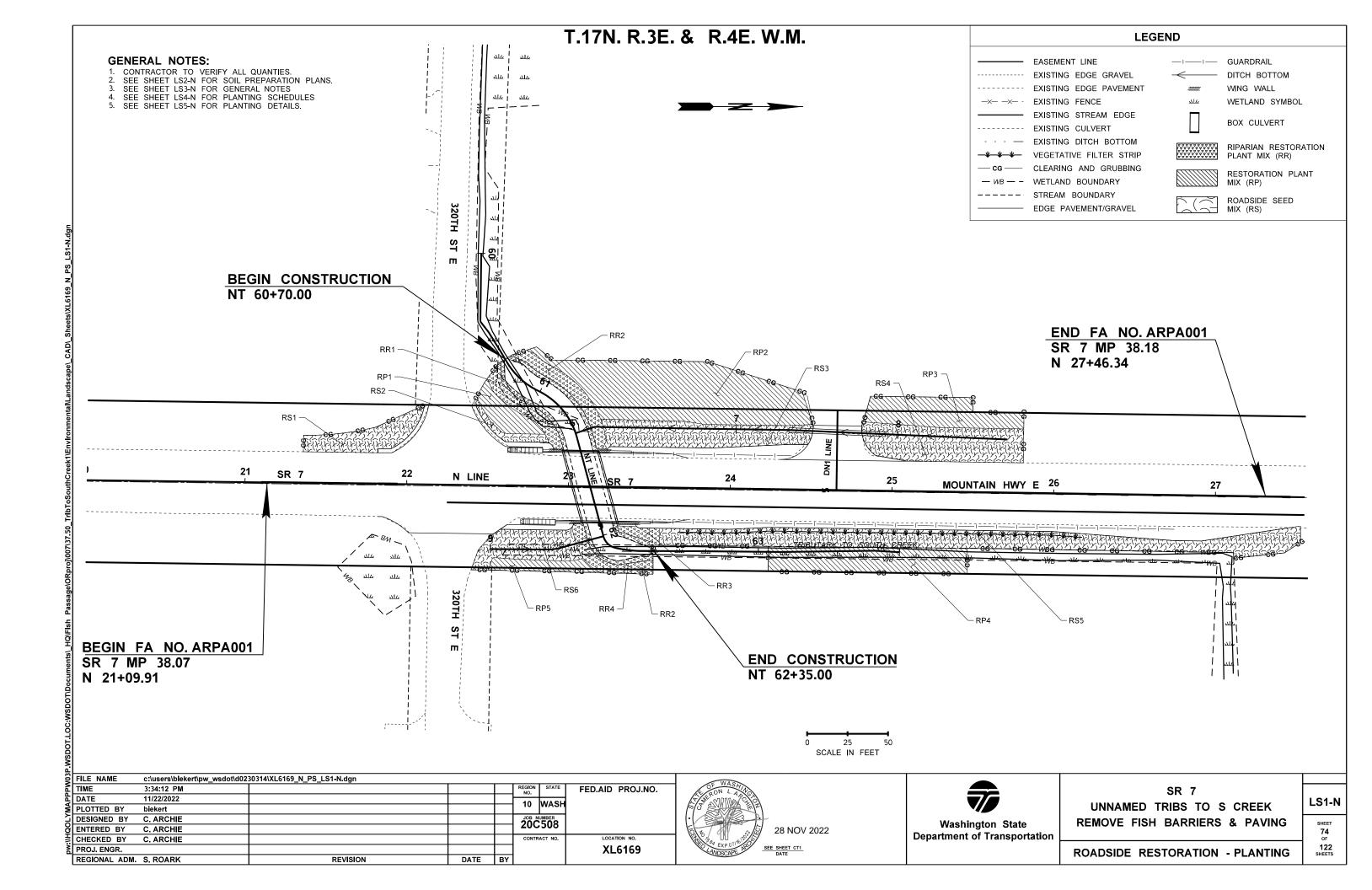
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| Washington State Department of Transportation |

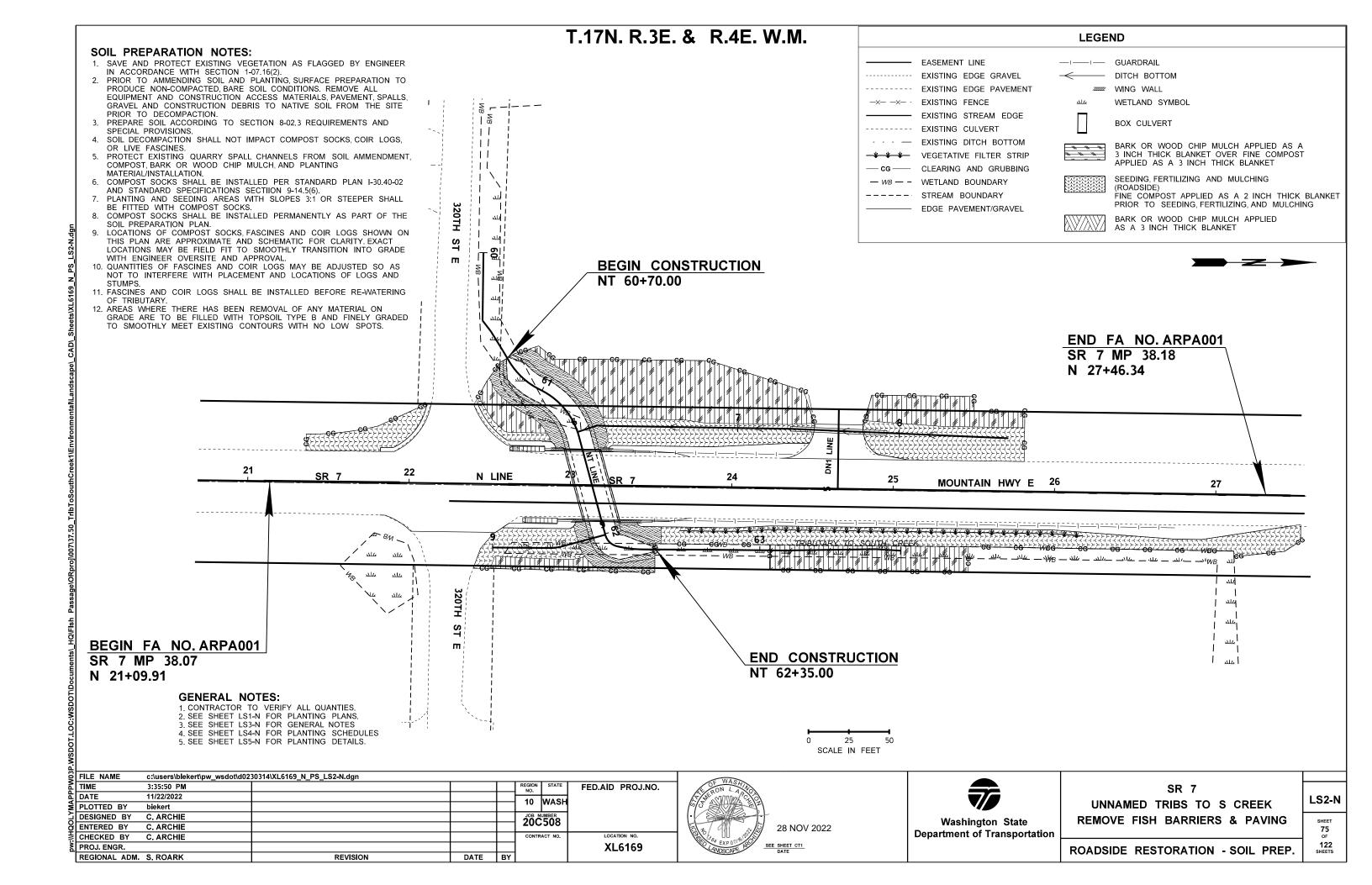
| SR 7 | | | | | | | | | | |
|--------|-------|------|------|-----|---------|----|--|--|--|--|
| UNNAN | MED T | RIBS | то | S | CREEK | | | | | |
| REMOVE | FISH | BAR | RIER | S 8 | & PAVIN | IG | | | | |

LWM DETAILS

CD2-N

73 OF 122 SHEETS





GENERAL NOTES:

- 1. THE CONTRACTOR SHALL VERIFY ALL QUANTITIES,
 MEASUREMENTS, AND SITE CONDITIONS. THE CONTRACTOR
 IS RESPONSIBLE FOR INSTALLLING ALL PLANTS IN
 LOCATIONS AND QUANTITIES SHOWN GRAPHICALLY.
- 2. THE CONTRACTOR SHALL COORDINATE ALL WORKS SHOWN ON THIS DRAWING WITH OTHER EXISITNG OR PROPOSED SITE WORKS.
- 3. ALL PLANT MATERIAL SPECIFICATIONS FOR SIZE AND CONDITION ARE MINIMUM REQUIREMENTS. SPECIFICATIONS ARE IN ACCORDANCE WITH THE 'AMERICAN STANDARD FOR NURSERY STOCK' MOST CURRENT EDITION. IF A CONFLICT OCCURS BETWEEN THESE SPECIFICATIONS AND THE "A.S.N.S.", THESE SPECIFICATIONS SHALL APPLY.
- 4. ALL MATERIAL SHALL BE TAGGED WITH THE APPROPRIATE IDENTIFICATION AT THE TIME OF DELIVERY TO THE PROJECT SITE.
- 5. CONTAINER MATERIAL MAY BE SUBSTITUTED FOR BARE ROOT IF THE CONTAINER AND ROOT MASS ARE EQUAL IN SIZE TO THE SPECIFICATION FOR BARE ROOT MATERIAL. ALL SUBSTITUTIONS SHALL BE APPROVED IN WRITING BY THE ENGINEER PRIOR TO BRINGING TO SITE.
- 6 ALL PLANT MATERIAL SHALL BE NURSERY GROWN.
- 7. PROPERTY RESTORATION TO BE COMPLETED AS DIRECTED BY THE ENGINEER.
- 8. ALL TREE LOCATIONS TO BE FIELD-STAKED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER PRIOR TO PLANTING
- 9. LAYOUT OF PLANTING BEDS AND PLACEMENT OF PLANT MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 10. AREAS DISTURBED NOT OTHERWISE SHOWN AS PLANTED OR SEEDED IN THE PLANTING PLANS, NOTIFY ENGINEER
- 11. SEE SPECIFICATIONS AND SPECIAL PROVISIONS FOR DETAILS RELATING TO IMPLEMENTATION OF THIS PLAN.
- 12. ALL PANTING SHALL BE WATERED AS PER SECTION 8-02.3(8).
- 13. ALL PLANTING AREAS SHALL RECEIVE FERTILIZER AS PER THE SPECIFICATIONS.
- 14. FOR STORM WATER INFORMATION REFER TO DRAINAGE PLANS.
- 15. EQUIPMENT IS LIMITED TO ONLY LOW GROUND PRESSURE EQUIPMENT (5 PSI OR LESS) IN PLANTING AREAS.
- 16. SEED ALL DISTURBED AREAS NOT OTHERWISE SHOWN AS PLANTED OR SEEDED IN THE PLANTING PLANS, PER SECTION 8-01.3(2).

ROOT-BALL HANDLING:

- 1 FOR CONTAINERIZED MATERIAL:
- a. REMOVE PLANT FROM CONTAINER PRIOR TO PLANTING.
- b. LOOSEN ROOTS AND STRAIGHTEN ANY ROOTS CIRCLING THE ROOTBALL.
- c. SCARIFY SIDES OF PLANTING HOLE PRIOR TO INSTALLATION OF PLANT MATERIAL.
- 2 FOR BARE ROOT STOCK
- a. SPREAD ROOTS EVENLY OVER FIRMLY MOUNDED BACKFILL SOIL.
- b. PROTECT ROOTS FROM DRYING, EVEN BREIFLY, KEEP ROOTS MOIST AND COVERED AT ALL TIMES.
- c. PRIOR TO PLACEMENT INTO PLANTING HOLE, TRIM BROKEN AND/OR DAMAGED ROOTS BACK TO HEALTHY TISSUE.
- 3. FOR B&B STOCK:
- a. COMPLETELY REMOVE ANY BURLAP, METAL, OR FIBERGLASS MATERIALS FROM ROOTBALL BEFORE PLACING INTO PLANTING HOLE.
- 4. WHEN BACKFILLING IS 80 PERCENT COMPLETE, WATER THE PLANTING HOLE THROUGHLY TO SETTLE SOIL AROUND THE PLANT ROOTS.
- 5. FINISH FILLING PLANTING HOLE WITH PLANTING SOIL AND THEN WATER AGAIN TO SETTLE BACKFILL SOIL.
- 6. ENSURE PLANT CROWN IS EVEN WITH THE FINISH GRADE AT THE COMPLETION OF PLANTING OPERATIONS.

SHRUB PLANTING:

- 1. SHRUBS SHALL BE PLACED IN SINGLE SPECIES CLUSTERS OF 3-5 PLANTS AND EVENLY DISTRIBUTED ACROSS THE PLANTING AREAS.
- 2. FOR PLANT MIXES WITH SHRUBS OF VARIOUS MATURE SIZES, SUCH AS RESTORATION, ENHANCEMENT, AND SCREENING PLANT MIXES:
- a. PLANTS WITH SMALL MATURE SIZES ARE TO BE PLACED TOWARD THE FRONT OF THE PLANTING AREA.
- b. PLANTS WITH MEDIUM MATURE SIZES ARE TO BE PLACED IN THE MIDDLE OF THE PLANTING AREA.
- c. PLANTS WITH TALL MATURE SIZES ARE TO BE PLACED IN THE BACK OF THE PLANTING AREA.

TREE PLANTING:

- 1. ALL TREE LOCATIONS TO BE FIELD-STAKED BY THE CONTRACTOR AND VERIFIED BY THE ENGINEER.
- 2. LAYOUT OF PLANTING BEDS AND PLACEMENT OF PLANT MATERIAL SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
- 3. STAKING IS REQUIRED FOR ALL TREES OVER 6 FEET IN HEIGHT OR GREATER.
- 4. ALL TREES REQUIRING STAKING SHALL BE STAKED AND SECURED WITHIN 48 HOURS AFTER PLANTING.
- 5. 'STREET TREES' SHALL BE TREES WITH STRAIGHT TRUNKS, FULL AND SYMMETRICAL BRANCHING, CENTRAL LEADER, AND BE GROWN TO DEVELOP A FULL CROWN.
- 6. ALL STREET TREE LOCATIONS TO BE STAKED BY THE ENGINEER
- 7. ALL STREET TREES SHALL BE STAKED AND SECURED WITHIN 48 HOURS AFTER PLANTING.
- 8. PLANT TREES OTHER THAN STREET TREES NO CLOSER THAN 30 FEET FROM EDGE OF PAVEMENT.
- 9. PRUNE OVERHANGING BRANCHES TO 8 FEET HT FROM GROUND LEVEL AS PER ACCEPTED HORTICULTURAL PRACTICES.

MULCH APPLICATION:

- 1. ALL TEMPORARY WETLAND IMPACT AREAS SHALL BE SEEDED WITH WET SEED MIX AND MULCH AFTER FINAL GRADING.
- 2. ALL DISTURBED AREAS REQUIRING SEEDING AND MULCHING SHALL BE COVERED WITH A 2 INCH BLANKET OF FINE COMPOST AFTER FINAL GRADING AND PRIOR TO SEEDING.
- 3. ALL DISTURBED AREAS REQUIRING FINE COMPOST AND BARK OR WOOD-CHIP MULCH SHALL BE COVERED WITH A 3 INCH BLANKET OF FINE COMPOST, AND A 3 INCH BLANKET OF BARK OR WOOD-CHIP MULCH AFTER FINAL GRADING.
- 4. FINE COMPOST AND BARK OR WOOD-CHIP MULCH SHALL NOT BE PLACED WITHIN 2 FEET OF THE ORDINARY HIGH WATER MARK.
- 5. THERE SHALL BE NO MORE THAN 1 INCH OF MULCH AROUND PLANT CROWN, FEATHER MULCH AROUND PLANT CROWN TO ENSURE PROPER DEPTH.

LIVE STAKES:

- 1. LOCATION OF LIVE STAKE CUTINGS SHALL BE AS PER THE PLANS AND WHEN REQUIRED AS STATED BY THE ENGINEER.
- 2. PLANTING SHALL BE BY HAND ONLY TO ENSURE THERE IS MINIMAL DISTRURBANCE TO THE EXISTING SOIL CONDITIONS. SHOULD OTHER MEANS BE REQUIRED, THE CONTRACTOR SHALL PROPOSE THEM IN WRITING TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION.
- 3. INSTALL LIVE FASCINES DURING IN-WATER WORK WINDOW AND PRIOR TO RE-WATERING STREAM.
- 4. PRIOR TO TRENCHING, FIT LIVE FASCINES AROUND LARGE WOODY MATERIAL (LWM) AT 2 YEAR WATER SURFACE ELEVATION (WSE). APPROVAL BY ENGINEER REQUIRED PRIOR TO TRENCHING AND FINAL INSTALLATION.
- 5. PLANT LIVE STAKES WITHIN 6 FEET OF ORDINARY HIGH WATER ELEVATION (OHWE) AND PLANT THROUGH STREAMBED GRAVEL AS SHOWN ON RESTORATION PLAN.
- 6. PLANT LIVE STAKES BELOW COMPOST SOCKS WHERE APPLICABLE.

PLANT ESTABLISHMENT:

INCLUDES ALL PLANTED AND SEEDING AREA WITHIN THE WORKS:

YEAR 1: INCLUDED IN THE PSIPE, REFER TO BID ITEMS.

YEAR 2: REFER TO SPECIFICATIONS AND BID ITEMS.

YEAR 3: REFER TO SPECIFICATIONS AND BID ITEMS.

ABBREVIATIONS:

B&B BALLED & BURLAP

BR BARE ROOT
C.Y. CUBIC YARDS

CAL. CALIPER
CONT. CONTAINER

GAL. GALLONS HT. HEIGHT

MAX. MAXIMUM MIN. MINIMUM

NCN NO COMMON NAME

O.C. ON CENTER
SP. SPACING
THK THICK
TRI TRIANGULAR

TRI. TRIANGU
TYP. TYPICAL

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SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

PLANTING NOTES

76 OF 122 SHEETS

LS3-N

PLANTING SCHEDULE:

| DESCRIPTION | SYMBOL | COMMON NAME | BOTANICAL NAME | % | | ZONES | | | | TOTAL | SIZE | CONTAINER | SPACING | REMARKS | |
|-------------|--------|-----------------------------|-----------------------|-----|------|-------|------|------|------|-------|------|------------|----------|----------|------------------------------|
| | | | | | RP 1 | RP 2 | RP 3 | RP 4 | RP 4 | | | | | | |
| | | SERVICEBERRY | AMELANCHIER ALNIFOLIA | 10 | 5 | 55 | 16 | 20 | 5 | | 101 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| | | OCEANSPRAY | HOLODISCUS DISCOLOR | 20 | 11 | 109 | 32 | 41 | 10 | | 203 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| | | STREAMBANK LUPINE | LUPINUS RIVULARIS | 10 | 5 | 55 | 16 | 20 | 5 | | 101 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| RESTORATION | | PACIFIC NINEBARK | PHYSOCARPUS CAPITATUS | 20 | 11 | 109 | 32 | 41 | 10 | | 203 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| PLANT MIX | | WESTERN SWORD FERN | POLYSICHUM MUNITUM | 20 | 11 | 109 | 32 | 41 | 10 | | 203 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| (RP) | | DOUGLAS FIR | PSEUDOTSUGA MENZIESII | N/A | 9 | 35 | 15 | 21 | 4 | | 84 | 18-24" HT. | #2 CONT. | 10' O.C. | NATURAL FORM, NO SHEARING |
| | | RED ELDERBERRY | SAMBUCUS RACEMOSA | 20 | 11 | 109 | 32 | 41 | 10 | | 203 | 12-24" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| - | | WESTERN RED CEDAR | THUJA PLICATA | N/A | 8 | 35 | 15 | 22 | 4 | | 84 | 18-24" HT. | #2 CONT. | 10' O.C. | NATURAL FORM, NO SHEARING |
| | | | | | RR 1 | RR 2 | RR 3 | RR 4 | | | | | | | |
| RIPARIAN | | CEDGE | CAREVER | 20 | | | 7 | 16 | | | C1 | 12 10" LIT | #1 CONT | 21.0.0 | NALILTI CTENA 2 CTENAC NAINI |
| - | | SEDGE | CAREX SP | 20 | 17 | 21 | | | | | 61 | 12-18" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| RESTORATION | | RED-OSIER DOGWOOD | CORNUS SERICEA | 40 | 35 | 42 | 13 | 32 | | | 121 | 12-18" HT. | #1 CONT. | 3' O.C. | MULTI-STEM, 3 STEMS MIN. |
| PLANT MIX | | SCOULER WILLOW (Live Stake) | SALIX SCOULERIANA | 40 | 35 | 42 | 13 | 32 | | | 121 | 12-18" HT. | BR | 3' O.C. | LIVE STAKES |
| (RR) | | | | | | | | | | | | | | | |

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| Ž | TIME | 2:59:42 PM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | l |
| ξ | DATE | 11/22/2022 | | | | | WASH | | Ι, |
| È | PLOTTED BY | biekert | | | | 10 | WASH | | Ι/ |
| ב | DESIGNED BY | C. ARCHIE | | | | JOB N | 10MBER 2508 | | Ηŀ |
| 3 | ENTERED BY | C. ARCHIE | | | | 200 | ,500 | |] / |
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| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |





| SR 7 | | | | | | | | | | |
|--------|-------|------|------|-----|--------|--|--|--|--|--|
| UNNAN | MED T | RIBS | то | s c | REEK | | | | | |
| REMOVE | FISH | BAR | RIER | S & | PAVING | | | | | |

PLANTING SCHEDULE

LS4-N

SHEET
77
0F
122
SHEETS

PLANTING SETBACK CHART

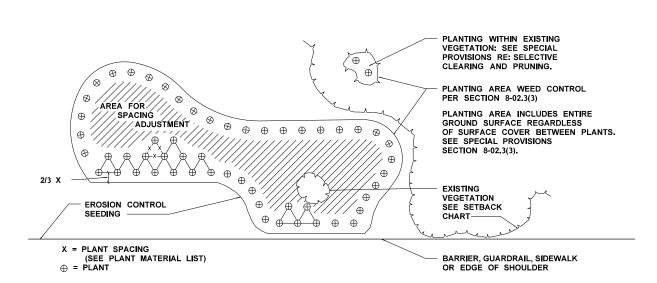
| TYPE: | GUARDRAIL BARRIER | EDGE OF ROADWAY | WALL | FENCE | SIGNS | EXISITING TREE TRUNK | EXISITING VEGETATION MASS | OVERHEAD POWER | BRIDGE STRUCTURE | DRAINAGE STRUCTURE | DRAINAGE ACCESS ROAD | CULVERT WALLS | |
|----------------|----------------------|--------------------|------|-------|-------|-------------------------|---------------------------------|-------------------|---------------------|-----------------------|----------------------------|------------------|----|
| GROUNDCOVER* | | 5' | 3' | 1.5' | 1.5' | F1 | E! | _ | 3' | <i>E</i> 1 | E! | 3' | |
| SMALL SHRUB** | 3 | 10' | 5' | 3' | 6' | 5 | <u> </u> | | 5' | 5 | 3 | 5' | |
| TALL SHRUB*** | 10' | 15' | 10' | 21 | O. | 10' | | 10' | 10' | | 10' | 10' | |
| SMALL TREE**** | 10 | 20' | 10 | 3 | 0 | 10 | 10' | | 10 | 10' | 10 | 10 | |
| DECIDUOUS TREE | 15' | 30' | 15' | 10' | 451 | 451 | 10 | | 40' | 10 | 15' | 15' | |
| EVERGREEN TREE | 15' | 15' | 30 | 15 | 10 | 15' | 15' | | 20 | 40 | | 13 | 10 |

. THIS CHART SUPPLEMENTS SECTION 8.02.3(7) OF THE STANDARD SPECIFICATION

- * GROUNDCOVERS GROW NO TALLER THAN 1.5 FEET AT MATURITY
- . ** SMALL SHRUBS GROW NO TALLER THAN 3 FEET AT MATURITY
- 4. *** TALL SHRUBS GROW TALLER THAN 3 FEET AT MATURITY 5. **** SMALL TREES GROW NO TALLER THAN 25 FEET AT MATURITY
- 6. REFER TO WSDOT DESIGN MANUAL M 22-01.16, PAGE 1600-15, EXHIBIT 1600-2 DESIGN CLEAR ZONE DISTANCE TABLE FOR TYPICAL REQUIRED CLEARANCES FOR EDGE OF ROADWAY

NOTES:

1. REFER TO STANDARD DETAILS h10.10-00 AND h10.15-00 FOR PLANT INSTALLATION.



PLANTING AREA LAYOUT, SETBACK, AND WEED CONTROL NOT TO SCALE

STEP 1 3" BARK ENSURE SUBGRADE IS PREPARED AS PER SECTION 8-02.3(5). OR WOOD CHIP MULCH SEEDING AND MULCHING FINISHED STEP 2 FINE COMPOST GRADE -PLACE 2 INCH THICK FINE COMPOST FOR SEEDED AREAS AND 3 INCH THICK FOR ALL PLANTING AREAS STEP 3 **%** INCORPORATE COMPOST (0%) TO 10 INCH DEPTH ACCORDING TO ૦ુજીં SECTION 8-02-3(5), PLANTING ેજું AREA PREPARATION IN THE 6 108/ SPECIAL PROVISIONS. STEP 4 APPLY SEEDING AND MULCHING IN THE LOCATIONS SHOWN ON THE PLANTING PLANS. 988 (%) ૺૹ 98 ેંજી ૣૺ૽ૺૹૢ STEP 5 PRIOR TO PLANTING, CLEAR 4 FEET DIAM.RING IN SEEDED AREAS. INSTALL BARK OR WOOD CHIP MULCH 3 INCH THICK. SEE PLANTING PLANS FOR LOCATION OF MULCH RINGS OR FULL MULCH COVER. STEP 6 STEP 5 STEP 1 STEP 3 STEP 4 STEP 6 STEP 2 INSTALL PLANT

PLANTING AREA SOIL PREPARATION - SEQUENCE OF WORK

NOT TO SCALE **SECTION VIEW**

| щ. | | | | | | | | | |
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| 8 | FILE NAME | c:\users\blekert\pw_wsdot\d02 | 30314\XL6169_N_PS_LS5-N.dgn | | | | | | |
| ≩ | TIME | 3:02:16 PM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | 1 |
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| ⋛ | PLOTTED BY | biekert | | | | 10 | WASH | | <i> </i> 6 |
| Ž | DESIGNED BY | C. ARCHIE | | | | JOB N | UMBER 508 | | 16 |
| ğ | ENTERED BY | C. ARCHIE | | | | 200 | ,500 | |] [|
| ¥ | CHECKED BY | C. ARCHIE | | | | CONTR | ACT NO. | LOCATION NO. |] \ |
| ĕ | PROJ. ENGR. | | | | | | | XL6169 | |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



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| Washington State Department of Transportation | |
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| | | SR | 7 | | | | |
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| UNNAN | MED T | RIBS | ТО | S | CR | EEK | |
| REMOVE | FISH | BAR | RIER | S | & F | PAVII | NG |

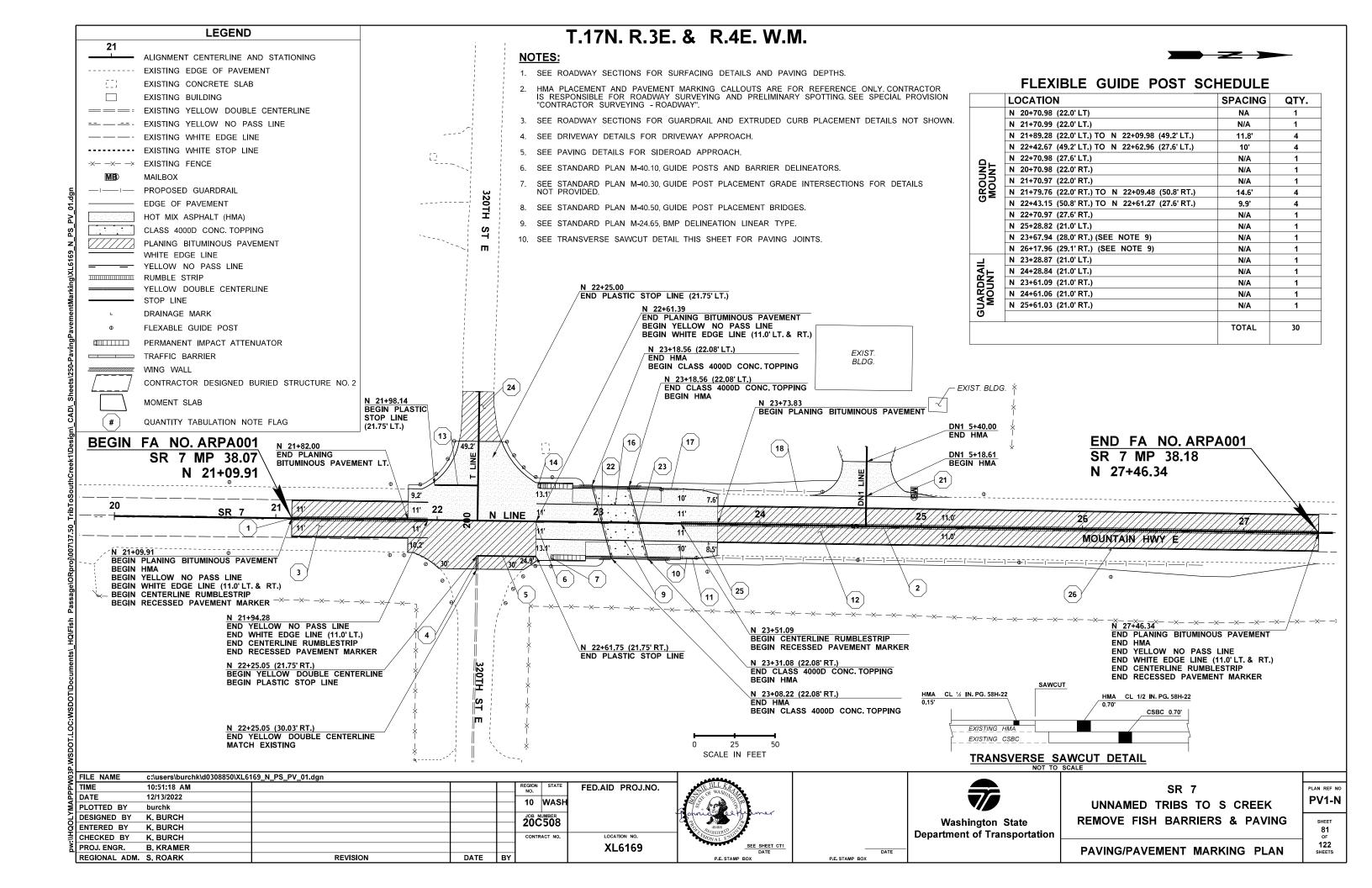
78 of 122 SHEETS

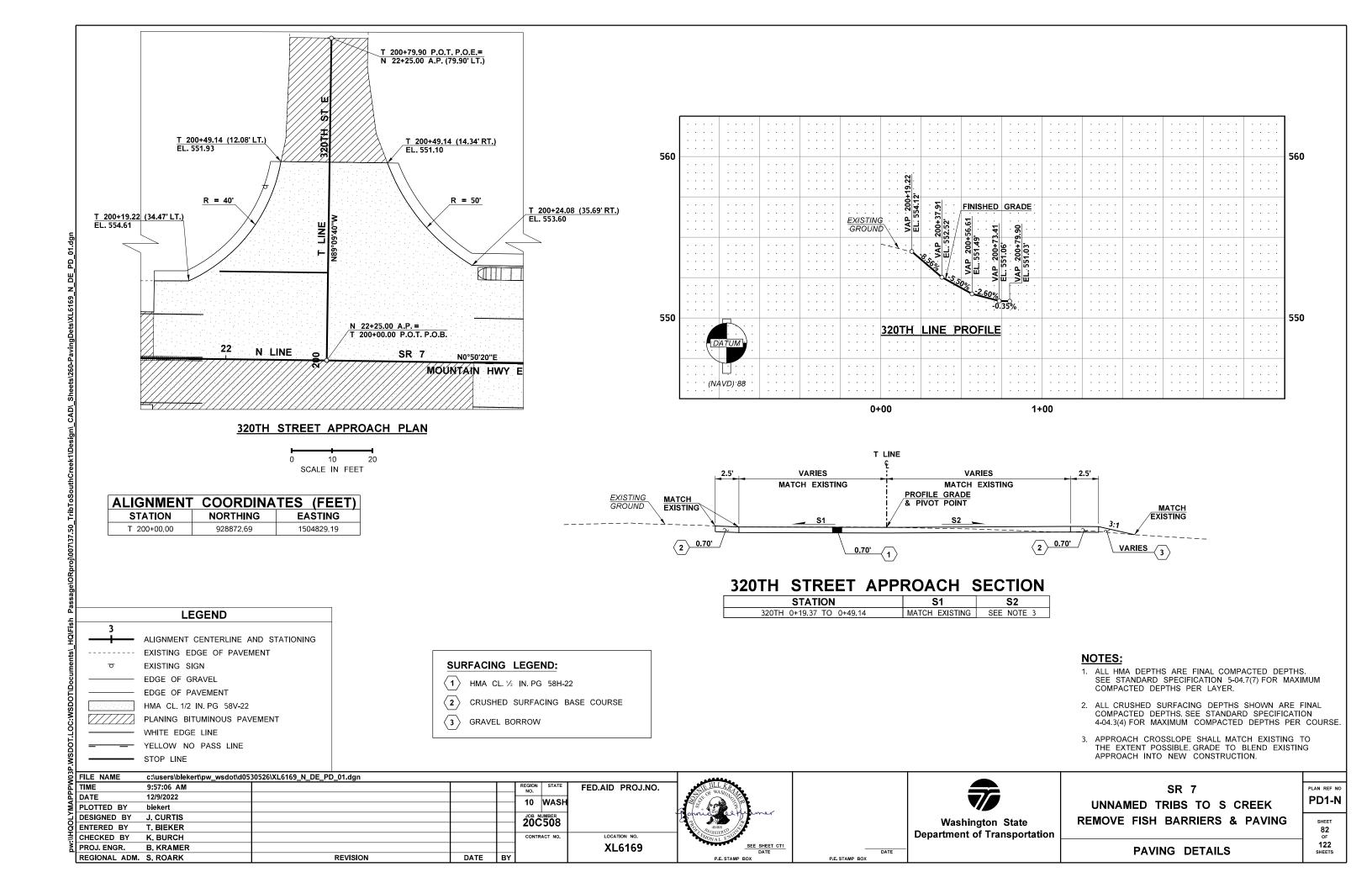
LS5-N

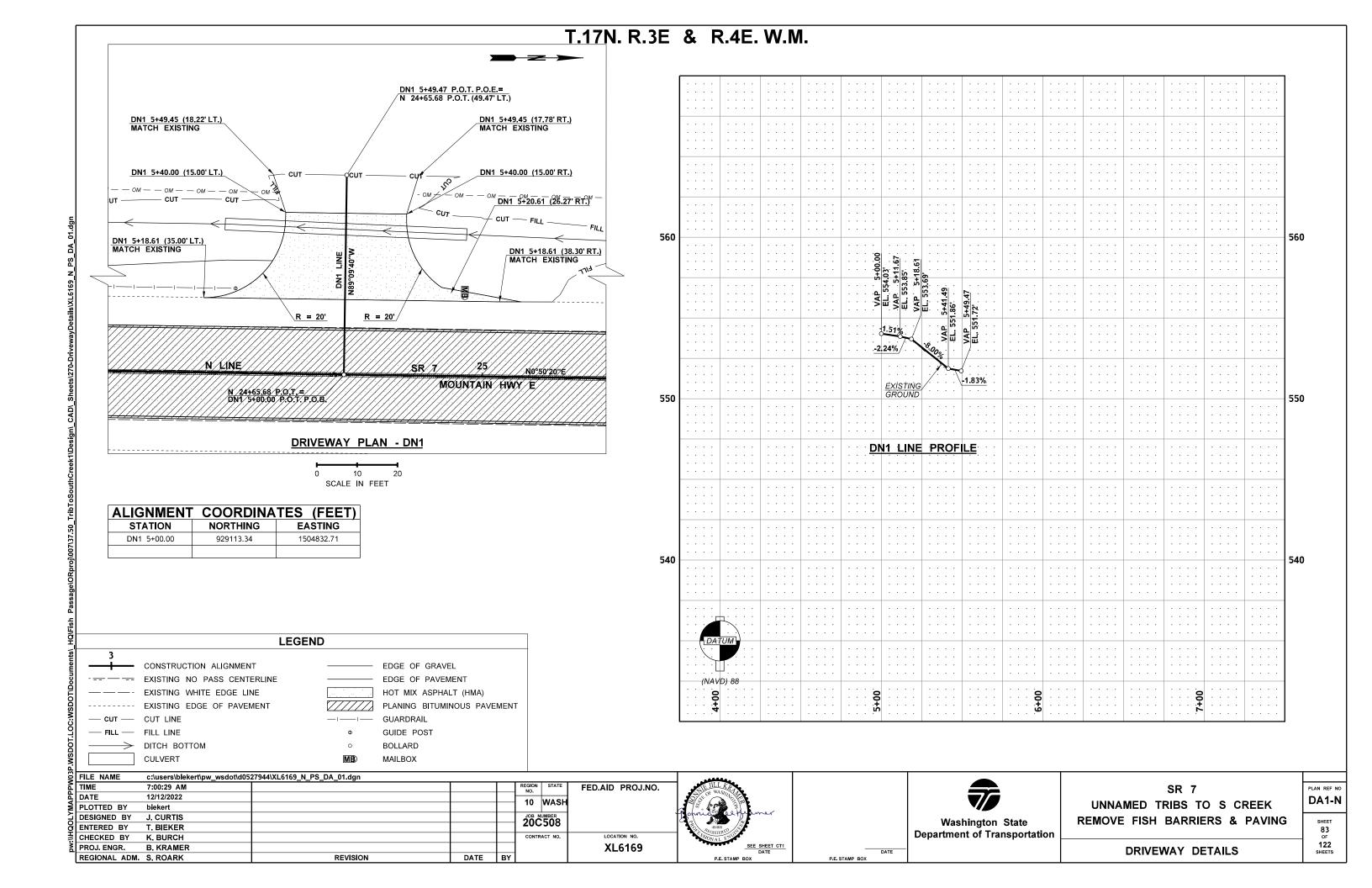
PLANTING DETAILS

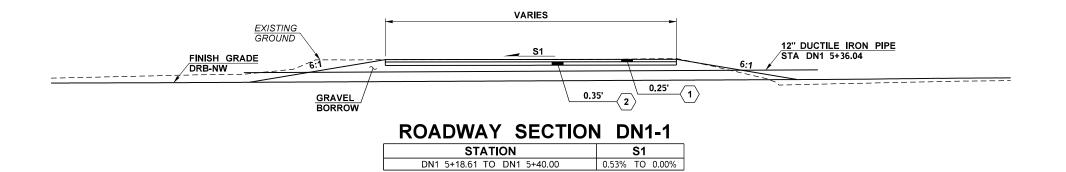
| HECKED BY J. CURTIS HECKED BY K. BURCH ROJ. ENGR. B. KRAMER EGION ADM. S. ROARK | | | 20 | IUMBER C508 RACT NO. | ARPA001 0007(032) | | ₹ W | ashington St epartment of | ate Transportation | | MOVE FISH BARRIERS & PAVING TY TABULATION - PAVING AND PAVEMENT |
|--|--------------------------------|-------------------------|-----------|----------------------------|----------------------|-----------------------------------|-----|------------------------------|-----------------------|-----------------|--|
| ESIGNED BY J. CURTIS | | | REGION NO | WASH | FED. AID PROJ. NO | | | | | | SR 7 UNNAMED TRIBS TO S CREEK |
| SHEET TOTAL PROJECT TOTAL | 1458 1458 | 2 2 | 20 20 | 88 88 | 225 225 | 2 2 | | 1718 1718 | | | |
| | 1.156 | | | | | | | 1=15 | | | 16. SEE SPECIAL PROVISION "GUARDRAIL". |
| | | | | | | | | | | | 15. SEE SPECIAL PROVISION "IMPACT ATTENUA SYSTEMS". |
| | | | | | | | | | | | LINEAR TYPE. 15. SEE SPECIAL PROVISION "IMPACT ATTENUA" |
| | | | | | | + + | | | | | 14. SEE STANDARD PLAN M-24.65, BMP DELINEA LINEAR TYPE. |
| | | | | | | | | | | | 13. SEE STD. PLAN A-40.20, BRIDGE PAVING JOIN SEALS, DETAIL 3. |
| | | | | | | | | | | | 13. SEE STD. PLAN A-40.20, BRIDGE PAVING JOIN |
| | | | | | | | | | | | 12. SEE STD. PLAN H-70.10, MAILBOX SUPPORT |
| -25 N 25+07.96 (11.00 RT.) -26 N 26+17.96 (11.00' RT.) | | | | | | | | | | 14 | 11. SEE STD. PLAN F-10.42, EXTRUDED CURB, TYPE 4. |
| 4-24 T 200+49.14 TO T 200+79.90 4-25 N 23+67.96 (11.00' RT.) | 73 | | | | | | | | | 14 | + |
| -23 N 23+18.87 (21.00' LT.) TO N 23+30.78 (21.00' RT.) | 70 | | | 44 | | | | | | 13 | GUARDRAIL (TYPE 31) TRANSITION SECTION TYPE 21. |
| -21 N 24+95.38 (21.75' LT.) -22 N 22+96.00 (21.00' LT.) TO N 23+07.91 (21.00' RT.) | | | | 44 | | | | | | 12 13 | BARRIER, D CONNECTION. 10. SEE STD. PLAN C-25.20, BEAM |
| N-20 NUMBER NOT USED | | | | | | | | | | | 9. SEE STD. PLAN C-24.10, GUARDRAIL CONNECTION TO BRIDGE RAIL OR CONCRETE |
| N-18 N 23+37.37 (21.00' LT.) TO N 24+37.37 (21.00' LT.) N-19 NUMBER NOT USED | | 1 | | | + + | 1 | | | | 5,6,7,8,9,10,16 | (ALL POSTED SPEEDS). |
| -17 N 23+38.56 (21.00' LT.) TO N 23+48.56 (21.00' LT.) | | | 10 | | | | | | | 11 | 8. SEE STD. PLAN C-22.40, BEAM GUARDRAIL TYPE 31 NON-FLARED TERMINAL |
| -16 N 23+10.27 (11.00' LT.) | | | | | | | | | | 3 | GUARDRAIL TYPE 31. |
| 15 NUMBER NOT USED | | | | | | + - | | | | | 7. SEE STD. PLAN C-20.10, BEAM |
| -14 N 22+62.19 (22.08' LT.) | | | | | | | | | | 15 | END SECTIONS, DESIGN F. |
| I-12 N 23+73.83 TO N 27+46.34 I-13 N 21+98.15 (21.75' LT.) TO N 22+25.00 (21.75' LT.) | 952 | | | | | | | | | 3 | BLOCKS. 6. SEE STD. PLAN C-7a, THRIE BEAM |
| -11 N 23+51.09 (21.00' RT.) TO N 23+61.09 (21.00' RT.) | | | 10 | | | | | | | 11 | 5. SEE STD. PLAN C-1B, POSTS AND |
| -10 N 23+99.90 (21.00' RT.) TO N 26+24.90 (21.00' RT.) | | 1 | | | 225 | 1 | | + | | 5,6,7,8,9,10,16 | 4. SEE STD. PLAN M-65.10, CENTERLINE RUMBLE STRIP. |
| N-8 NUMBER NOT USED N-9 N 23+16.51 (11.00' RT.) | | | | | | | | | | 3 | MARKINGS MISCELLANEOUS. |
| N-7 N 22+86.15 (22.10' RT.) | | | | | | | | 00 | | 15 | 3. SEE STD; PLAN M-24.60, SYMBOL |
| N-6 N 22+61.39 TO N 27+46.34 | | | | | | | | 1455 | | 1,2 | PAVEMENT MARKERS. |
| N-5 N 22+25.05 (21.75' RT.) TO N 22+61.75 (21.75' RT.) | | | | | | | | | | 3 | 2. SEE STD. PLAN M-20.30, LONGITUDINAL MARKING SUPPLEMENT WITH RAISED |
| N-3 N 21+09.91TO N 22+61.39 N-4 N 22+25.05 (21.75' RT.) TO N 22+25.05 (30.03' RT.) | 433 | | | | | | | 9 | | 1,2 | MARKING PATTERNS. |
| N-2 N 23+51.09 TO N 27+46.34 | 400 | | | | | | | | | 2,4 | 1. SEE STD. PLAN M-20.10, LONGITUDINAL |
| -N-1 N 21+09.91 TO N 21+94.28 | U.1. | LAGIT | L.I . | <u> </u> | <u> </u> | 2,1011 | | 254 | | 1,2,4 | ALL PLASTIC PAVEMENT MARKING SHALL BE TY |
| DE LOCATION Y \ UNIT OF MEASURE > | S PLAN | BEAM EACH | T. EXTRUD | V H L.F. | J.T. | EACH | | L.F. | | SEE | |
| SHEET. | PLANING BITUMINOUS PAVEMENT | M GU/ | RUDEI | SAW | _ | BEAM GUARDRAIL SECTION TYPE 21 | | STICL | | GENE | |
| HE SECOND NUMBER REFERS TO THE ONSTRUCTION FEATURE FOUND ON THAT | IN T | GUARDF LARED 1 | | AWCUT | GUARDRAIL | YRDF LYPE | | LINE | | RAL | |
| ONSTRUCTION FEATURE. | Ž | RAIL TYPE : TERMINAL | CURB | AND | SAIL SAIL | SAIL :: 21 | | | | NOT | |
| REFERENCE NO. SHOWING THE | SNC | | | SEAL | A | T A | | | | LES | |
| HE FIRST NUMBER OF THE "CODE" BELOW EFERS TO THE SHEET NO. OR THE SHEET | | ≥E 31 | | AL AL | ь 31 1 | | | | | | |
| | | _ | | | _ | OF | | | | | |
| | | | | I | | Z | | | | | GENERAL NOTES: |
| NOTE: | | _ | | | - | TRANISTION | | | | | GENERAL NOTES: |

| | QUANTITY | TABU | ILAT | ION - PAV | ING AND | PAVEM | ENT MA | RKING | | |
|--|---|-------------------------|------------------------|--------------------------|---------|-------|--|-----------------------|------------------|---|
| T | | (5) | | | T | | | | | GENERAL NOTES: |
| NOTE: THE FIRST NUMBER OF THE "CODE" BELOW REFERS TO THE SHEET NO. OR THE SHEET REFERENCE NO. SHOWING THE CONSTRUCTION FEATURE. THE SECOND NUMBER REFERS TO THE CONSTRUCTION FEATURE FOUND ON THAT SHEET. | LASTIC STOP LINE | LASTIC DRAINAGE MARKING | ENTERLINE RUMBLE STRIP | RECESSED PAVEMENT MARKER | | | PERMANENT IMPACT ATTENUATOR | AILBOX SUPPORT TYPE 1 | EE GENERAL NOTES | |
| CODE LOCATION Y \ UNIT OF MEASURE > | L.F. | EACH | MI. | HUND | | | EACH | EACH | 0) | |
| PV1-N-1 N 21+09.91 TO N 21+94.28 | | | 0.02 | 0.02 | | | | | 1,2,4 | ALL PLASTIC PAVEMENT MARKING SHALL BE TYPE D. |
| PV1-N-2 N 23+51.09 TO N 27+46.34 | | | 0.07 | 0.05 | | | | | 2,4 | 1. SEE STD. PLAN M-20.10, LONGITUDINAL |
| PV1-N-3 N 21+09.91TO N 22+61.39 PV1-N-4 N 22+25.05 (21.75' RT.) TO N 22+25.05 (30.03' RT.) | | | | | | | | | 1,2 | MARKING PATTERNS. |
| PV1-N-5 N 22+25.05 (21.75 KT.) TO N 22+61.75 (21.75 KT.) | 37 | | | | | | | | 3 | 2. SEE STD. PLAN M-20.30, LONGITUDINAL |
| , | | | | | | | | | | MARKING SUPPLEMENT WITH RAISED PAVEMENT MARKERS. |
| PV1-N-6 N 22+61.39 TO N 27+46.34 | | | | | | | | | 1,2 | |
| PV1-N-7 N 22+86.15 (22.10' RT.) | | | | | | | 1 | | 15 | 3. SEE STD; PLAN M-24.60, SYMBOL MARKINGS MISCELLANEOUS. |
| PV1-N-8 NUMBER NOT USED | | 1 | | | | | | | 2 | - |
| PV1-N-9 N 23+16.51 (11.00' RT.) PV1-N-10 N 23+99.90 (21.00' RT.) TO N 26+24.90 (21.00' RT.) | | 1 | | | | | | | 5,6,7,8,9,10,16 | 4. SEE STD. PLAN M-65.10, CENTERLINE RUMBLE STRIP. |
| -VI-N-10 IN 25+99.90 (21.00 IVI.) TO IN 20+24.90 (21.00 IVI.) | | | | | | | | | 3,0,7,0,9,10,10 | RUMBLE STRIP. |
| PV1-N-11 N 23+51.09 (21.00' RT.) TO N 23+61.09 (21.00' RT.) | | | | | | | | | 11 | 5. SEE STD. PLAN C-1B, POSTS AND |
| PV1-N-12 N 23+73.83 TO N 27+46.34 | | | | | | | | | | BLOCKS. |
| V1-N-13 N 21+98.15 (21.75' LT.) TO N 22+25.00 (21.75' LT.) | 27 | | | | | | | | 3 | 6. SEE STD. PLAN C-7a, THRIE BEAM |
| PV1-N-14 N 22+62.19 (22.08' LT.) | | | | | | | 1 | | 15 | END SECTIONS, DESIGN F. |
| PV1-N-15 NUMBER NOT USED | | | | | | | | | | 7. SEE STD. PLAN C-20.10, BEAM |
| PV1-N-16 N 23+10.27 (11.00' LT.) | | 1 | | | | | | | 3 | GUARDRAIL TYPE 31. |
| PV1-N-17 N 23+38.56 (21.00' LT.) TO N 23+48.56 (21.00' LT.) | | <u> </u> | | | | | | | 11 | 8. SEE STD. PLAN C-22.40, BEAM |
| PV1-N-18 N 23+37.37 (21.00' LT.) TO N 24+37.37 (21.00' LT.) | | | | | | | | | 5,6,7,8,9,10,16 | GUARDRAIL TYPE 31 NON-FLARED TERMINAL (ALL POSTED SPEEDS). |
| PV1-N-19 NUMBER NOT USED | | | | | | | | | | (ALL POSTED SPEEDS). |
| V1-N-20 NUMBER NOT USED | | | | | | | | | | 9. SEE STD. PLAN C-24.10, GUARDRAIL CONNECTION TO BRIDGE RAIL OR CONCRETE |
| N 04 05 00 (04 75H T.) | | | | | | | | | 40 | BARRIER, D CONNECTION. |
| vv1-N-21 N 24+95.38 (21.75' LT.) vv1-N-22 N 22+96.00 (21.00' LT.) TO N 23+07.91 (21.00' RT.) | | | | | | | | 1 | 12 13 | |
| V1-N-23 N 23+18.87 (21.00' LT.) TO N 23+30.78 (21.00' RT.) | | | | | | | | | 13 | 10. SEE STD. PLAN C-25.20, BEAM GUARDRAIL (TYPE 31) TRANSITION SECTION |
| V1-N-24 T 200+49.14 TO T 200+79.90 | | 1 | | | | | | | 10 | TYPE 21. |
| v1-N-25 N 23+67.96 (11.00' RT.) | | 1 | | | | | | | 14 | - 11. SEE STD. PLAN F-10.42, EXTRUDED |
| V1-N-26 N 26+17.96 (11.00' RT.) | | 1 | | | | | | | 14 | CURB, TYPE 4. |
| | | | | | | | | | | 12. SEE STD. PLAN H-70.10, MAILBOX SUPPORT TYPE |
| | | | | | | | 1 | | | 1. |
| | | | | | | | | | | 13. SEE STD. PLAN A-40.20, BRIDGE PAVING JOINT |
| + | + | | | | | | + + | | | SEALS, DETAIL 3. |
| | | | | | | | | | | 14. SEE STANDARD PLAN M-24.65, BMP DELINEATION |
| | | | | | | | | | | LINEAR TYPE. |
| | | | | | | | | | | 15. SEE SPECIAL PROVISION "IMPACT ATTENUATOR |
| | | | | | | | | | | 15. SEE SPECIAL PROVISION "IMPACT ATTENUATOR" - SYSTEMS". |
| | | | | | | | | | | 46 OFF OPECIAL PROVICION TOURS PROTEIN |
| SHEET TOTAL | 64 | 4 | 0.09 | 0.07 | | | 2 | 1 | | 16. SEE SPECIAL PROVISION "GUARDRAIL". |
| PROJECT TOTAL | 64 | 4 | 0.09 | 0.07 | | | 2 | 1 | | - |
| ESIGNED BY J. CURTIS NTERED BY J. CURTIS HECKED BY K. BURCH | | REGION NO. | STATE WASH | ARPA001 | | 7 | Washington Stat Department of T | e ransportation | | SR 7 UNNAMED TRIBS TO S CREEK MOVE FISH BARRIERS & PAVING SHEET 80 |
| PROJ. ENGR. B. KRAMER | | 20C | 508 | 0007(032) | | | - | - | OLIANITI | TY TABULATION - PAVING AND PAVEMENT OF |
| REGION ADM. S. ROARK | | CONTRA | CT NO. | | | | | | QUANTI | MARKING 122 |
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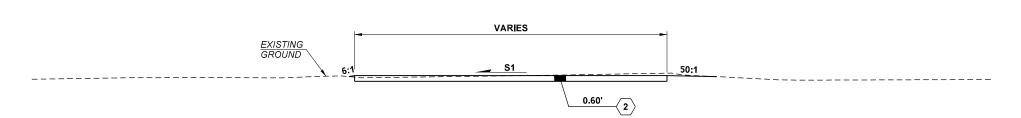








0.53% TO 0.00%



ROADWAY SECTION DN1-2

| STATION | S1 |
|----------------------------|-------|
| DN1 5+40.00 TO DN1 5+49.47 | 0.00% |

NOTES:

- 1. ALL HMA DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STANDARD SPECIFICATION 5-04.3(7) FOR MAXIMUM COMPACTED DEPTHS PER LAYER.
- 2. ALL CRUSHED SURFACING DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS. SEE STANDARD SPECIFICATION 4-04.3(4) FOR MAXIMUM COMPACTED DEPTHS PER COURSÈ.

LEGEND:

1 HMA CL. 1#2 IN. PG 58H-22

(2) CRUSHED SURFACING BASE COURSE

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| DATE | 12/12/2022 | | | | | WASH | | د ا |
| PLOTTED BY | biekert | | | | ו ויי | WASH | | 1 |
| DESIGNED BY | J. CURTIS | | | | JOB 1 | NUMBER | • | F |
| ENTERED BY | T. BIEKER | | | | 200 | C508 | | ٦ |
| CHECKED BY | K. BURCH | | | | CONTI | RACT NO. | LOCATION NO. | 1 |
| PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | 1 | | | |

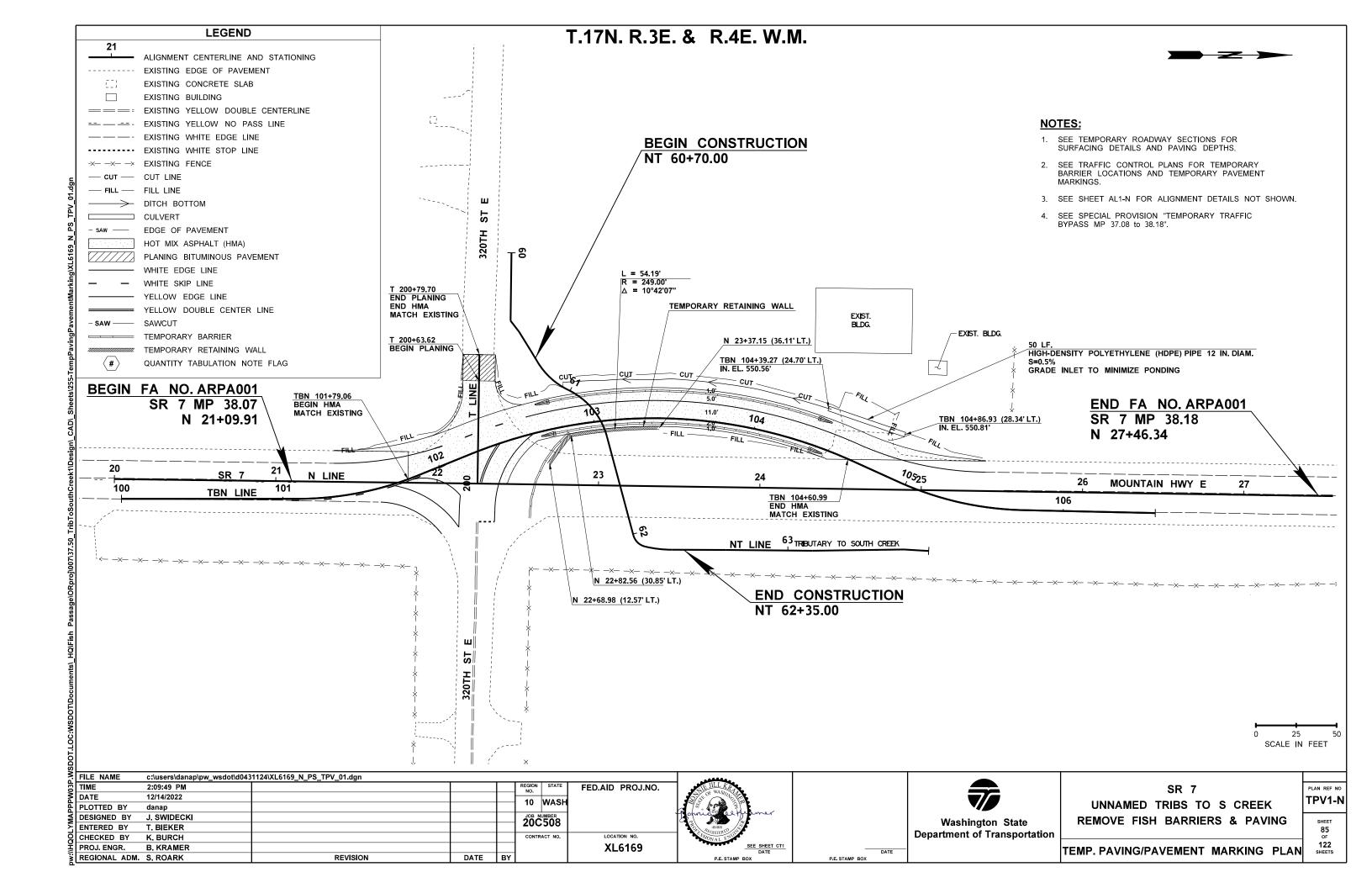


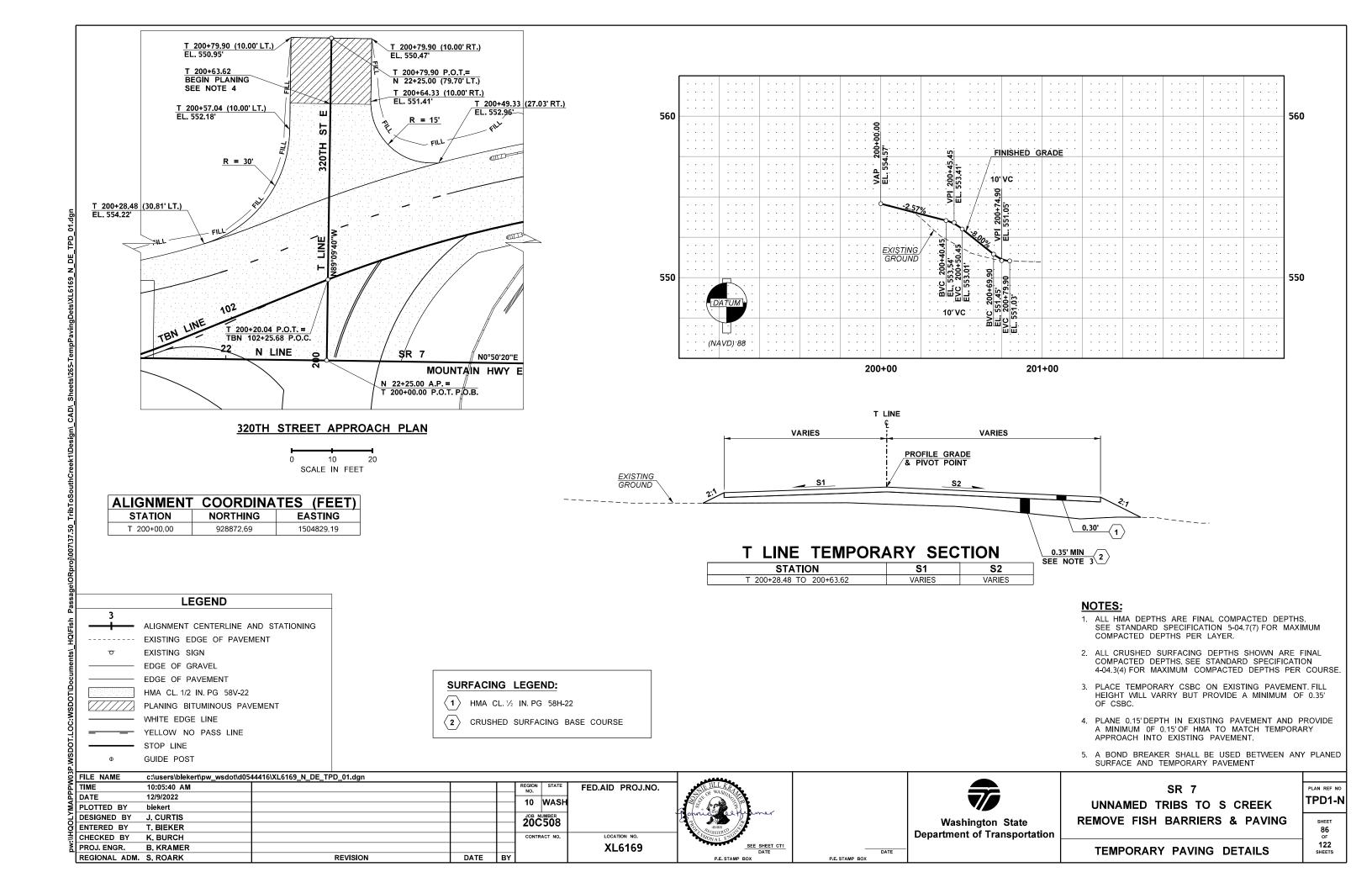


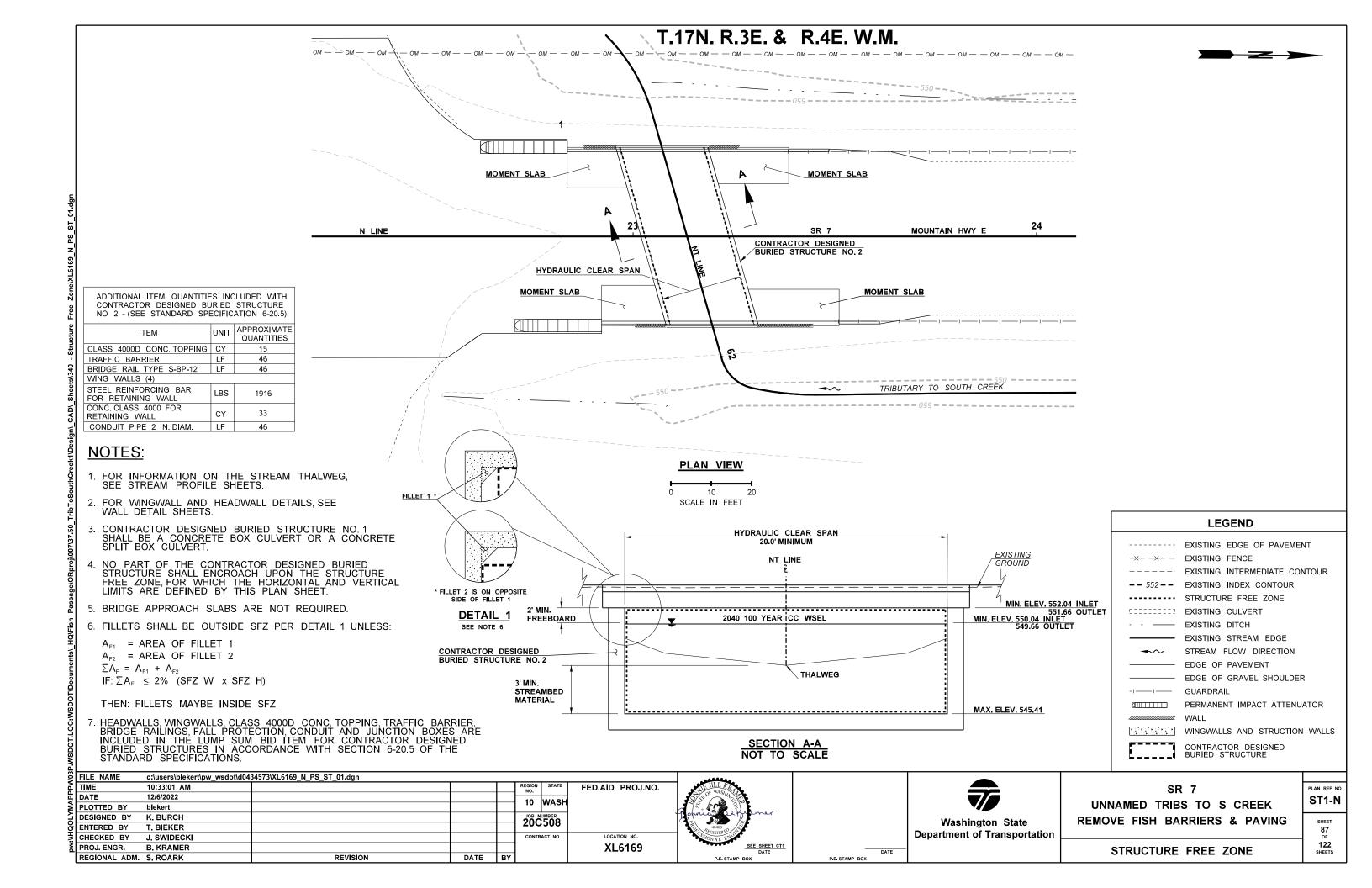
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| REMOVE FIS | H BAR | RIERS | 8 8 | PAVING |

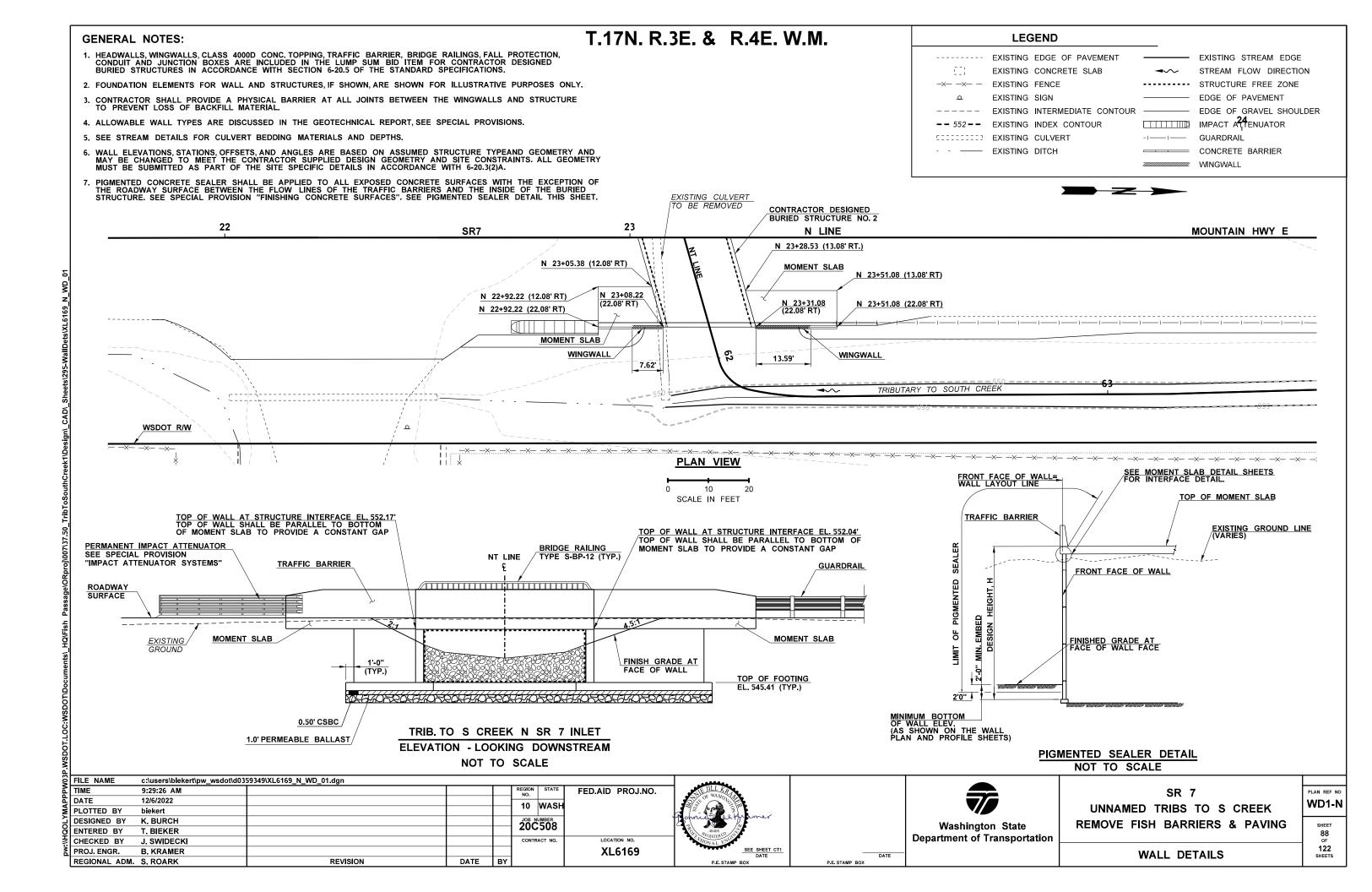
DA2-N 122 SHEETS

DRIVEWAY DETAILS



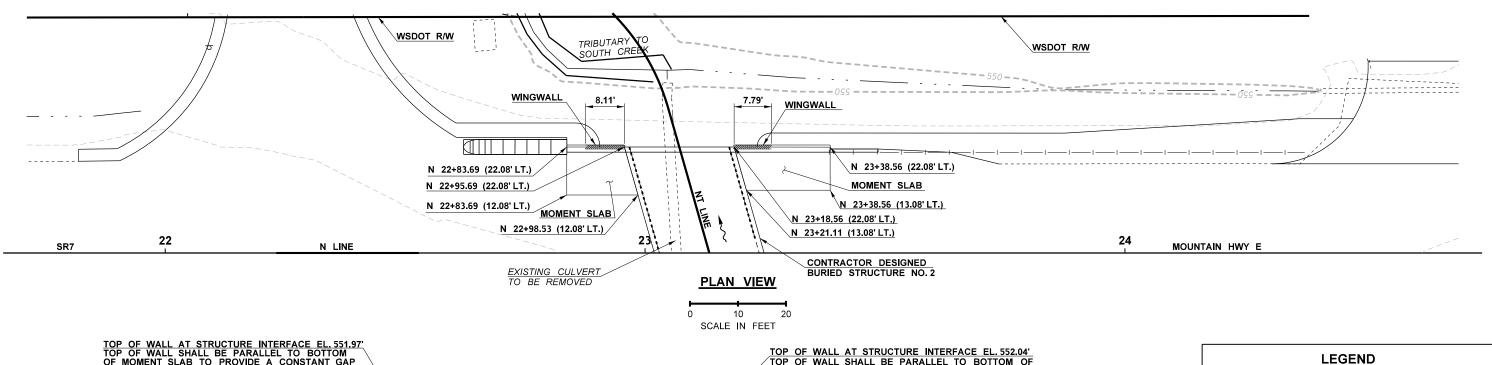


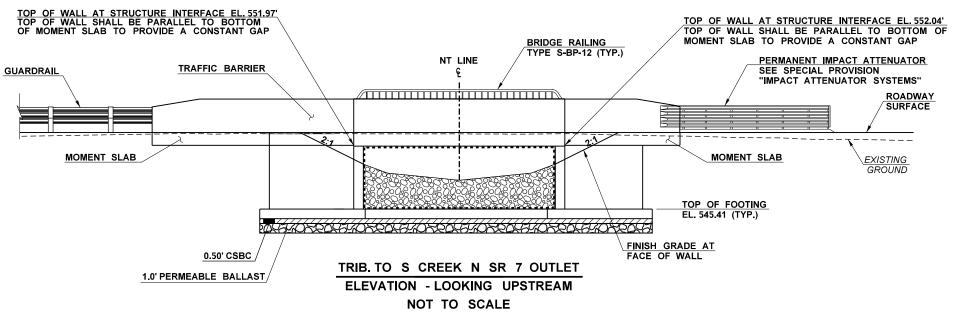




GENERAL NOTES: T.17N. R.3E. & R.4E. W.M.

- 1. HEADWALLS, WINGWALLS, CLASS 4000D CONC. TOPPING, TRAFFIC BARRIER, BRIDGE RAILINGS, FALL PROTECTION, CONDUIT AND JUNCTION BOXES ARE INCLUDED IN THE LUMP SUM BID ITEM FOR CONTRACTOR DESIGNED BURIED STRUCTURES IN ACCORDANCE WITH SECTION 6-20.5 OF THE STANDARD SPECIFICATIONS.
- 2. FOUNDATION ELEMENTS FOR WALL AND STRUCTURES, IF SHOWN, ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.
- 3. CONTRACTOR SHALL PROVIDE A PHYSICAL BARRIER AT ALL JOINTS BETWEEN THE WINGWALLS AND STRUCTURE TO PREVENT LOSS OF BACKFILL MATERIAL.
- 4. ALLOWABLE WALL TYPES ARE DISCUSSED IN THE GEOTECHNICAL REPORT, SEE SPECIAL PROVISIONS.
- 5. SEE STREAM DETAILS FOR CULVERT BEDDING MATERIALS AND DEPTHS.
- 6. WALL ELEVATIONS, STATIONS, OFFSETS, AND ANGLES ARE BASED ON ASSUMED STRUCTURE TYPEAND GEOMETRY AND MAY BE CHANGED TO MEET THE CONTRACTOR SUPPLIED DESIGN GEOMETRY AND SITE CONSTRAINTS. ALL GEOMETRY MUST BE SUBMITTED AS PART OF THE SITE SPECIFIC DETAILS IN ACCORDANCE WITH 6-20.3(2)A.
- 7. PIGMENTED CONCRETE SEALER SHALL BE APPLIED TO ALL EXPOSED CONCRETE SURFACES WITH THE EXCEPTION OF THE ROADWAY SURFACE BETWEEN THE FLOW LINES OF THE TRAFFIC BARRIERS AND THE INSIDE OF THE BURIED STRUCTURE. SEE SPECIAL PROVISION "FINISHING CONCRETE SURFACES". SEE PIGMENTED SEALER DETAIL THIS SHEET.





| | SF | PLAN REF N |
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| | TUMUMUMUMUMUMUMUMUMUMUMUMUMUMUMUMUMUMUM | WINGWALL |
| | | CONCRETE BARRIER |
| | -11 | GUARDRAIL |
| | | IMPACT ATTENUATOR |
| | | EDGE OF GRAVEL SHOULDER |
| | | EDGE OF PAVEMENT |
| | | STRUCTURE FREE ZONE |
| | → ~ | STREAM FLOW DIRECTION |
| GNOOND | | EXISTING STREAM EDGE |
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| ğ | TIME | 9:34:43 AM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | 1 |
| 희 | TIME DATE PLOTTED BY | 12/6/2022 | | | | | WASH | | |
| | | biekert | | | | 10 | WASH | | 6 |
| 길 | DESIGNED BY ENTERED BY | K. BURCH | | | | JOB | UMBER 508 | | Ę |
| ఠ | ENTERED BY | T. BIEKER | | | | 200 | ,500 | | ľ |
| | CHECKED BY | J. SWIDECKI | | | | CONTR | RACT NO. | LOCATION NO. | 1 |
| ձ | PROJ. ENGR. | B. KRAMER | | | | | | XL6169 | |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



V// Washington State Department of Transportation

DATE

UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

EXISTING EDGE OF PAVEMENT

EXISTING CONCRETE SLAB

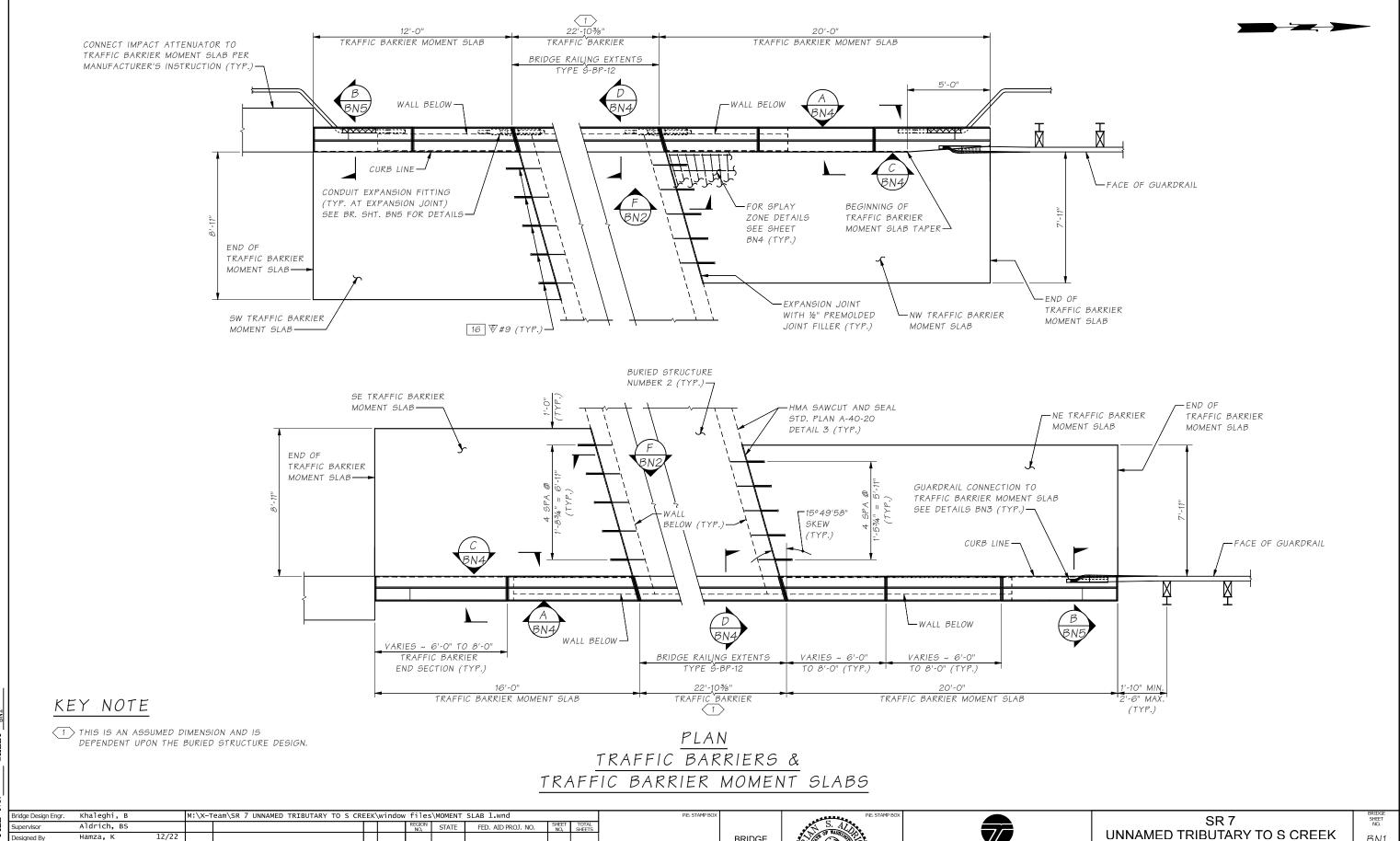
EXISTING FENCE

EXISTING SIGN

WALL DETAILS

WD2-N

122 SHEETS



BRIDGE

AND

STRUCTURES

OFFICE

BN1

90

122

REMOVE FISH BARRIERS & PAVING

TRAFFIC BARRIER MOMENT SLAB

DETAILS 1 OF 5

Washington State

Department of Transportation

Designed By

Checked By

Detailed By

Bridge Projects Engr

Architect/Specialist

Prelim. Plan By

Hamza, K

Wrenn, M

Howlett, K

12/22

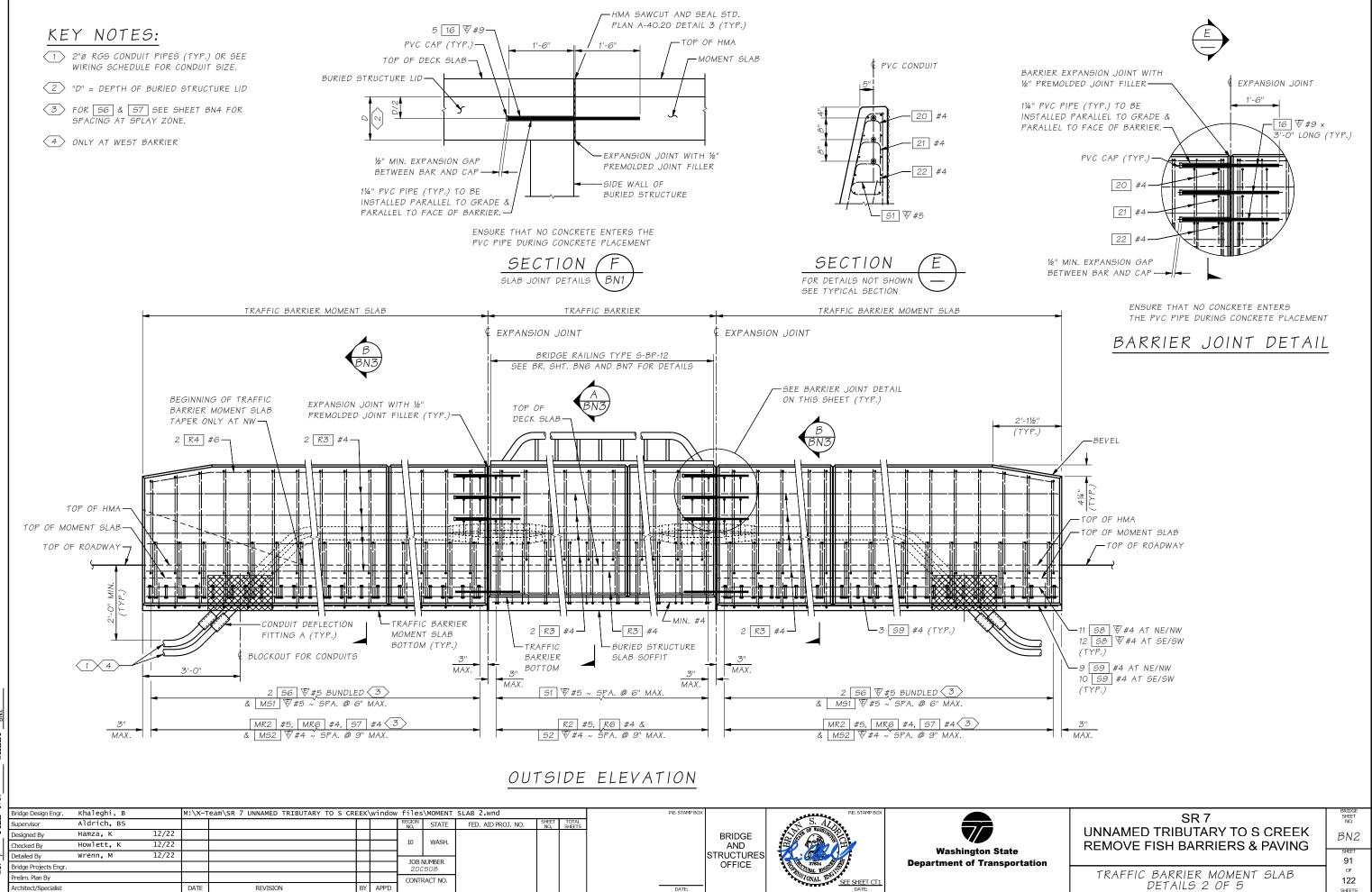
12/22

DATE

WASH.

JOB NUMBER 20C508

CONTRACT NO.



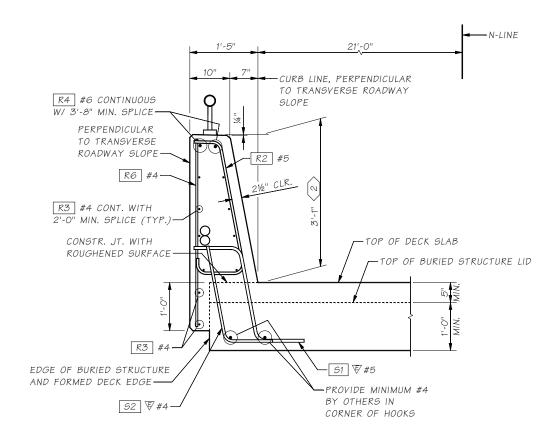
SR 7 FILE NO

2'-11" TAPER AT THE NW TRAFFIC BARRIER MOMENT SLAB ONLY TOP OF HMA

THRIE BEAM END SECTION DESIGN "F"
(SEE STD. PLAN C-7a)

OUTSIDE ELEVATION TRAFFIC BARRIER - GUARDRAIL CONNECTION

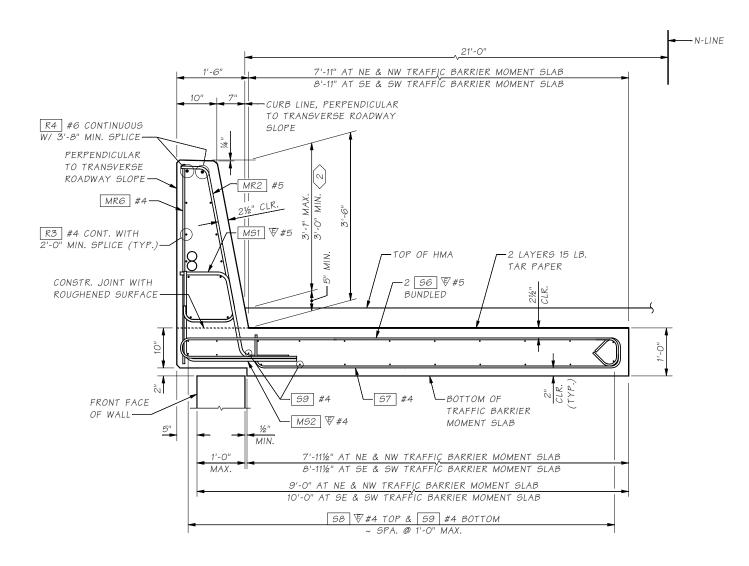
NE AND NW MOMENT SLABS ONLY



SECTION A
TRAFFIC BARRIER
SHOWN AT BURIED
STRUCTURE

KEY NOTES:

- 1 %"Ø ROCKET/KOHLER F-50, LANCASTER MALLEABLE, OR DAYTON/RICHMOND F-62 FLARED THIN SLAB FERRULE INSERTS OR APPROVED EQUAL (TYP.). RESIN-BONDED ANCHORS MAY BE SUBSTITUTED.
- 2 HEIGHT MAY VARY IF REQUIRED TO PROVIDE A PROFILE PLEASING TO THE EYE.



SECTION B
TRAFFIC BARRIER BN2
MOMENT SLAB

| : | | | | | | | | | | | | | |
|----|-----------------------|-------------|-------|--------|----------------------------------|-------|---------|---------------|----------------|--------------------|--------------|-----------------|---|
| , | Bridge Design Engr. | Khaleghi, B | | M:\X-T | Team\SR 7 UNNAMED TRIBUTARY TO S | CREEK | \window | files | \MOMENT | SLAB 3.wnd | | | |
| 1 | Supervisor | Aldrich, BS | | | | | | REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS | i |
| ٠. | Designed By | Hamza, K | 12/22 | | | | | | | | | | ı |
| ı | Checked By | Howlett, K | 12/22 | | | | | 10 | WASH. | | | | |
| ┨ | Detailed By | Wrenn, M | 12/22 | | | | | TOD | NII IMPED | | | | |
| • | Bridge Projects Engr. | | | | | | | | NUMBER 2508 | | | | |
| 2 | Prelim. Plan By | | - | | | | | CONT | RACT NO. | | | | |
| | Architect/Specialist | | | DATE | REVISION | BY | APP'D | 1 | | | | | |

BRIDGE AND STRUCTURES OFFICE SEE SHEET CT



SR 7 UNNAMED TRIBUTARY TO S CREEK REMOVE FISH BARRIERS & PAVING

TRAFFIC BARRIER MOMENT SLAB DETAILS 3 OF 5

BN3

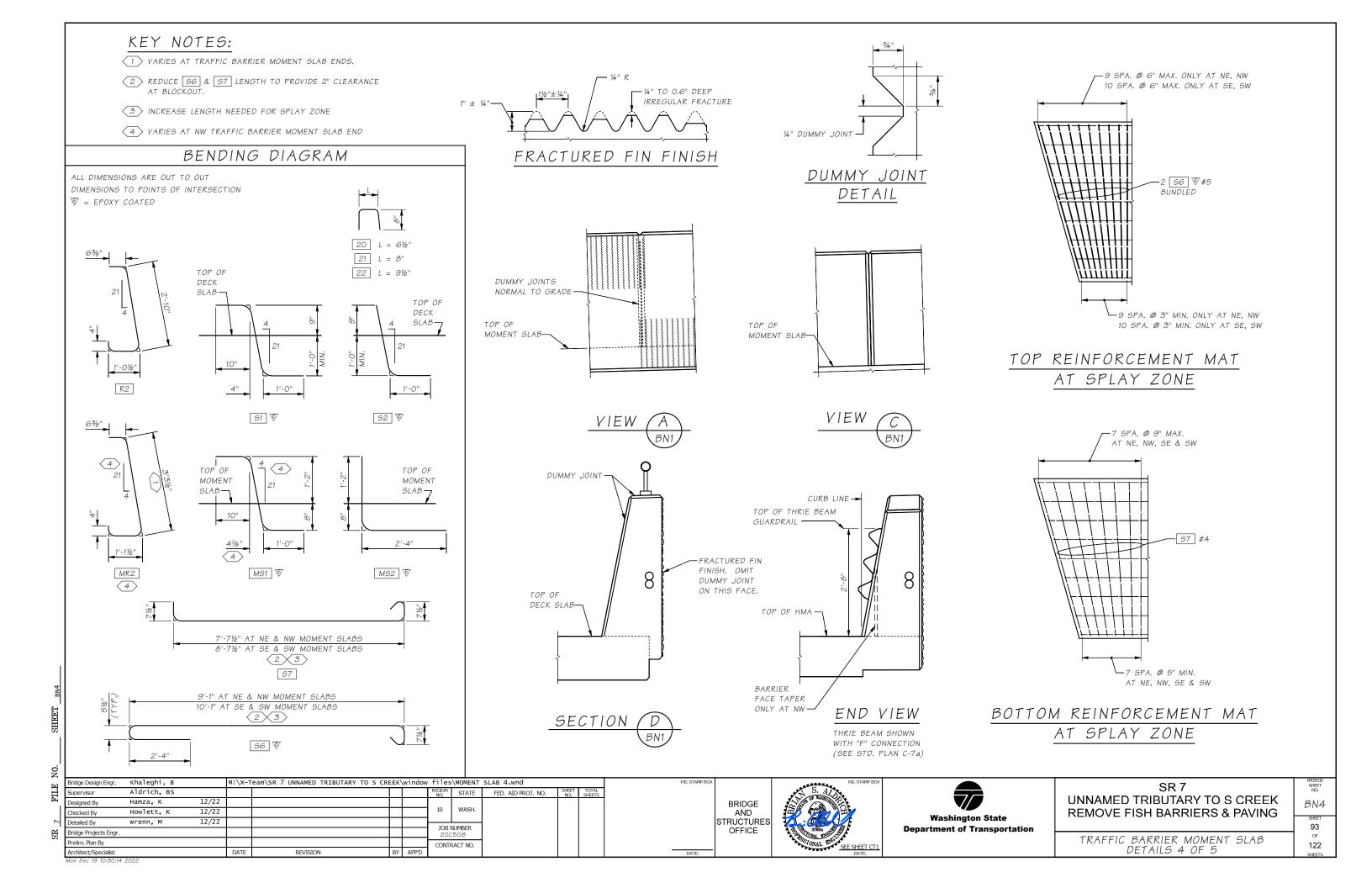
92

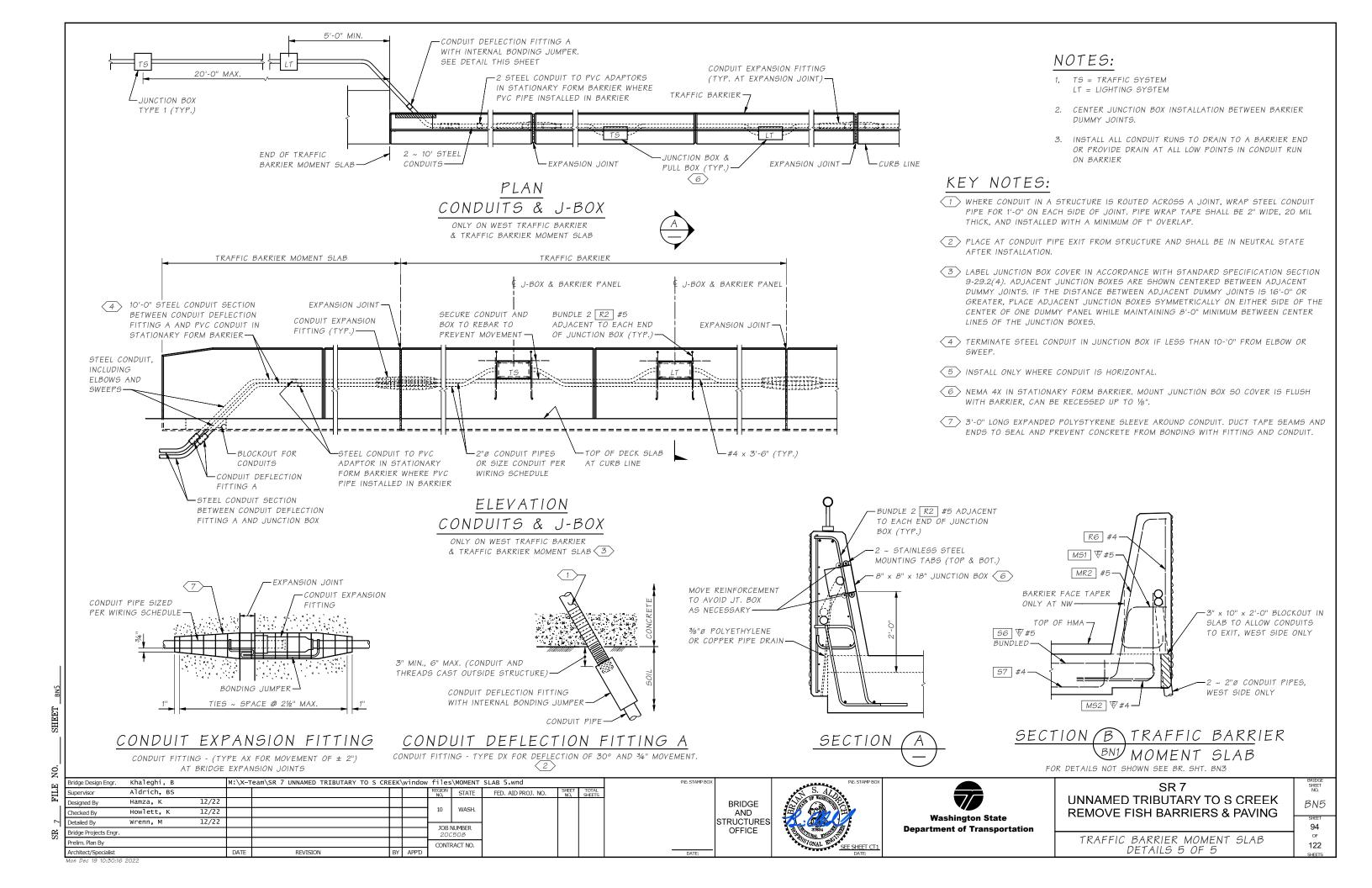
122

SR 7 FILE NO.

ਰੂ <u>|</u>

on Dec 19 10:30:13 2022

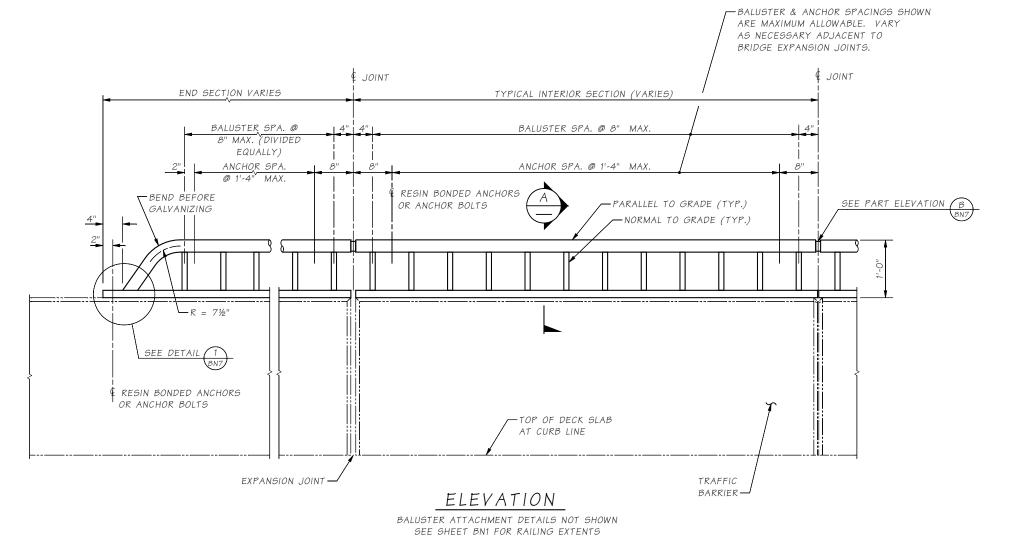


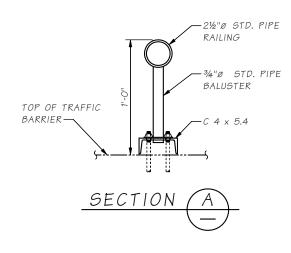


| MAT'L | PART | MATERIAL SPECIFICATION |
|-------|---------------------------|--|
| | RAILS & BALUSTERS | ASTM A53 GRADE B OR ASTM A500 GRADE C SCHEDULE 40 (STD. PIPE). GALVANIZED IN ACCORDANCE WITH AASHTO M 111. |
| | WASHERS | ASTM A193 GRADE B7 GALYANIZED IN ACCORDANCE WITH AASHTO M 232. |
| 75 | PLATES/BAR CHANNELS | ASTM A36 GALVANIZED IN ACCORDANCE WITH AASHTO M 111 |
| STEE | DRIVE PINS | ASTM A276 OR A240 TYPE 302 STAINLESS STEEL |
| | ANCHOR BOLTS & WASHERS | STANDARD SPECIFICATION SECTION 9-06.5(4) GR. 36 (GALVANIZE IN ACCORDANCE WITH AASHTO SPECIFICATION M 232) |
| | NUTS | TAMPER-PROOF TYPE ZINC ALLOY SEE SPECIAL PROVISIONS SECTION 6-06.2 |

RAILING NOTES:

- PIPE RAILING, PIPE RAILING SPLICES AND BOTTOM CHANNELS SHALL BE BENT TO THE HORIZONTAL CURVE WHERE THE RADIUS OF CURVATURE IS LESS THAN 200'.
- 2. SHOP DRAWINGS OF RAILING SHALL BE SUBMITTED AS A TYPE 2 WORKING DRAWING SHOWING COMPLETE DIMENSIONS AND DETAILS OF FABRICATION AND INCLUDING AN ERECTION DIAGRAM. MATERIAL SPECIFICATIONS SHALL BE PROVIDED IN THE SHOP DRAWINGS FOR ALL COMPONENTS.
- 3. CUTTING SHALL BE DONE BY SAWING OR MILLING AND ALL CUTS SHALL BE TRUE AND SMOOTH. FLAME CUTTING WILL NOT BE PERMITTED.
- 4. WELDING OF STEEL SHALL CONFORM TO THE LATEST EDITION OF AWS D1.1.
- 5. PIPE RAILING, PIPE BALUSTERS AND PIPE RAILING SPLICES SHALL BE ADEQUATELY WRAPPED TO INSURE SURFACE PROTECTION DURING HANDLING AND TRANSPORTATION TO THE JOB SITE.





| Bridge Design Engr. | Khaleghi, B | | M:\X−T | Feam\SR 7 UNNAMED TRIBUTARY TO S | CREEK | \window | v files | BP RAII | L 1.wnd | | | |
|-----------------------|-------------|-------|--------|----------------------------------|-------|---------|---------------|----------------|--------------------|--------------|-----------------|---|
| Supervisor | Aldrich, BS | | | | | | REGION NO. | STATE | FED. AID PROJ. NO. | SHEET NO. | TOTAL SHEETS | İ |
| Designed By | Hamza, K | 12/22 | | | | | | | | | | l |
| Checked By | Howlett, K | 12/22 | | | | | 10 | WASH. | | | | l |
| Detailed By | Wrenn, M | 12/22 | | | | | 100 | NII IMPED | - | | | l |
| Bridge Projects Engr. | | | | | | | | NUMBER 0508 | | | | l |
| Prelim. Plan By | | | | | | | CONT | RACT NO. | | | | l |
| Architect/Specialist | • | • | DATE | REVISION | RY | ΔPP'D |] | | | | 1 | ı |

BRIDGE AND STRUCTURES OFFICE

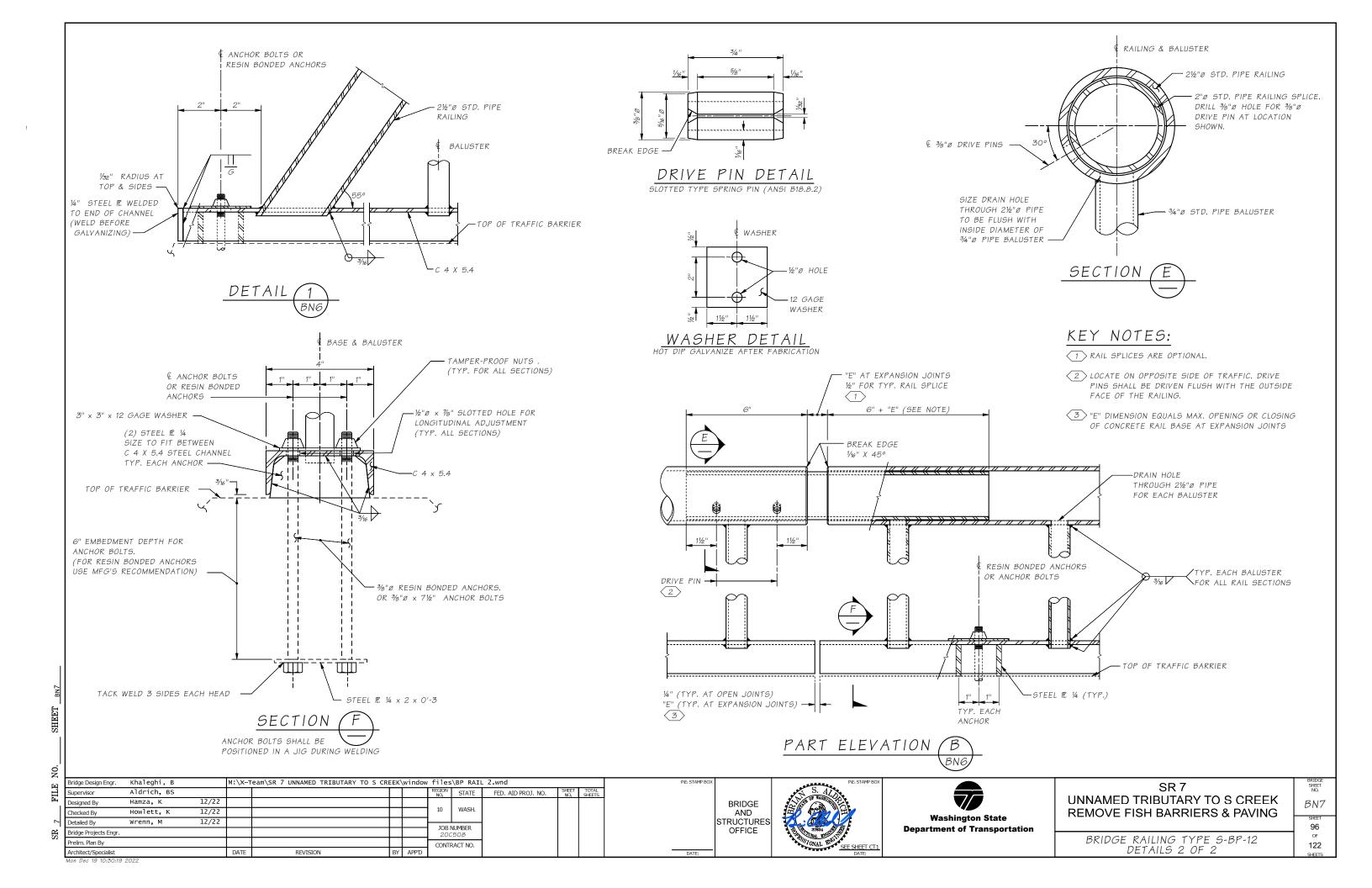
Washington State
Department of Transportation

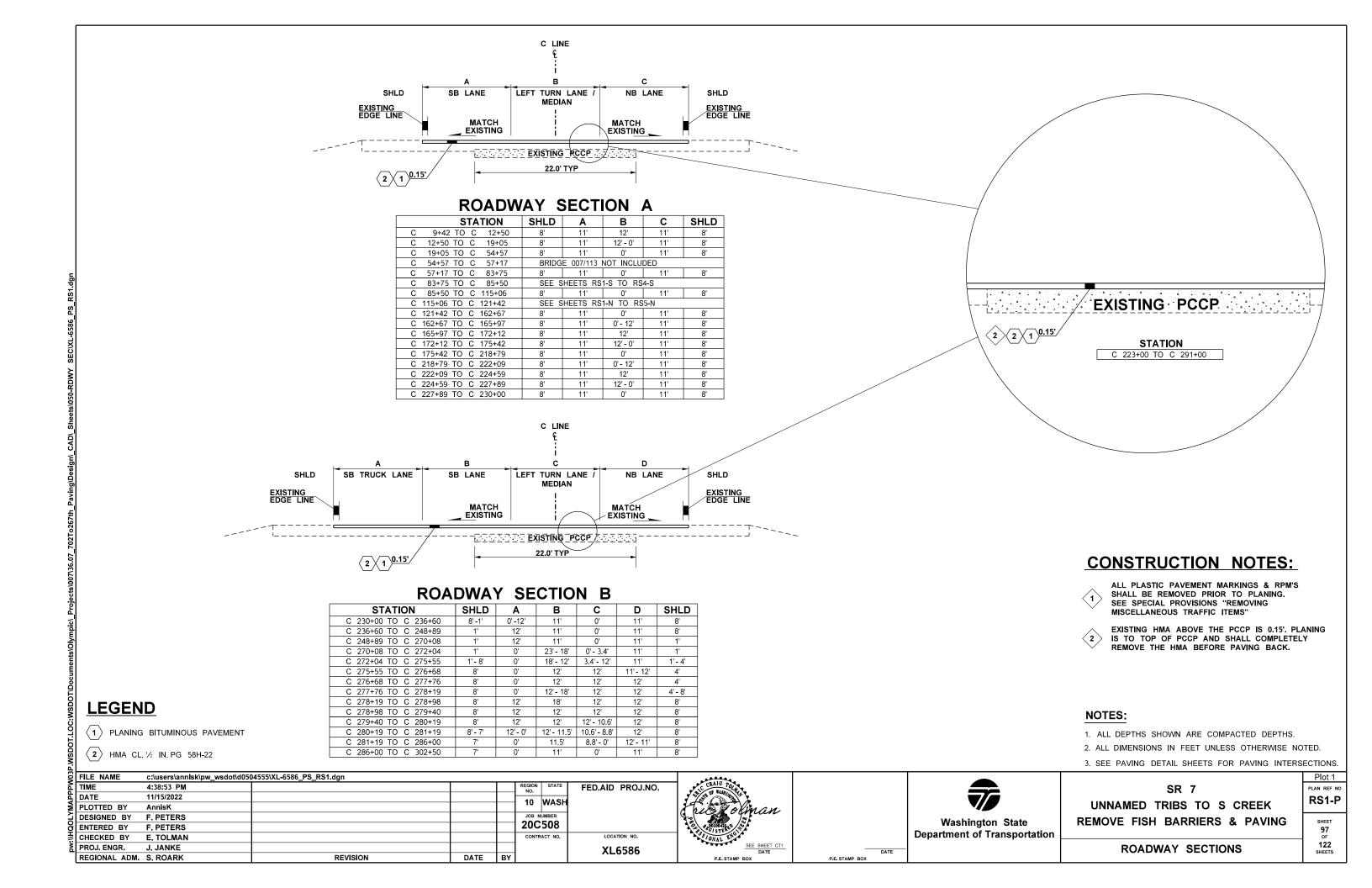
SR 7
UNNAMED TRIBUTARY TO S CREEK
REMOVE FISH BARRIERS & PAVING

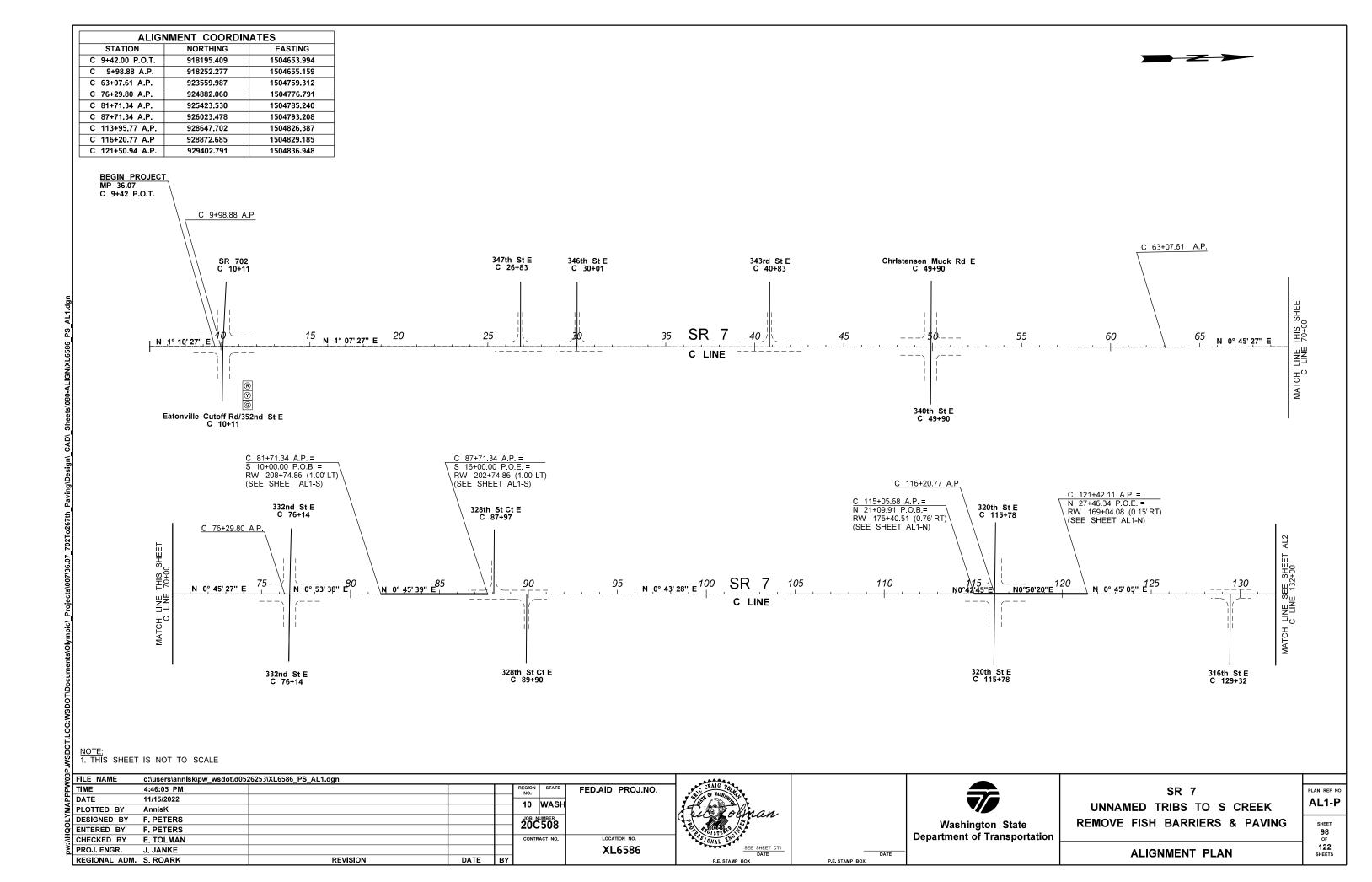
BRIDGE RAILING TYPE S-BP-12 DETAILS 1 OF 2 BRIDGE
SHEET
NO.

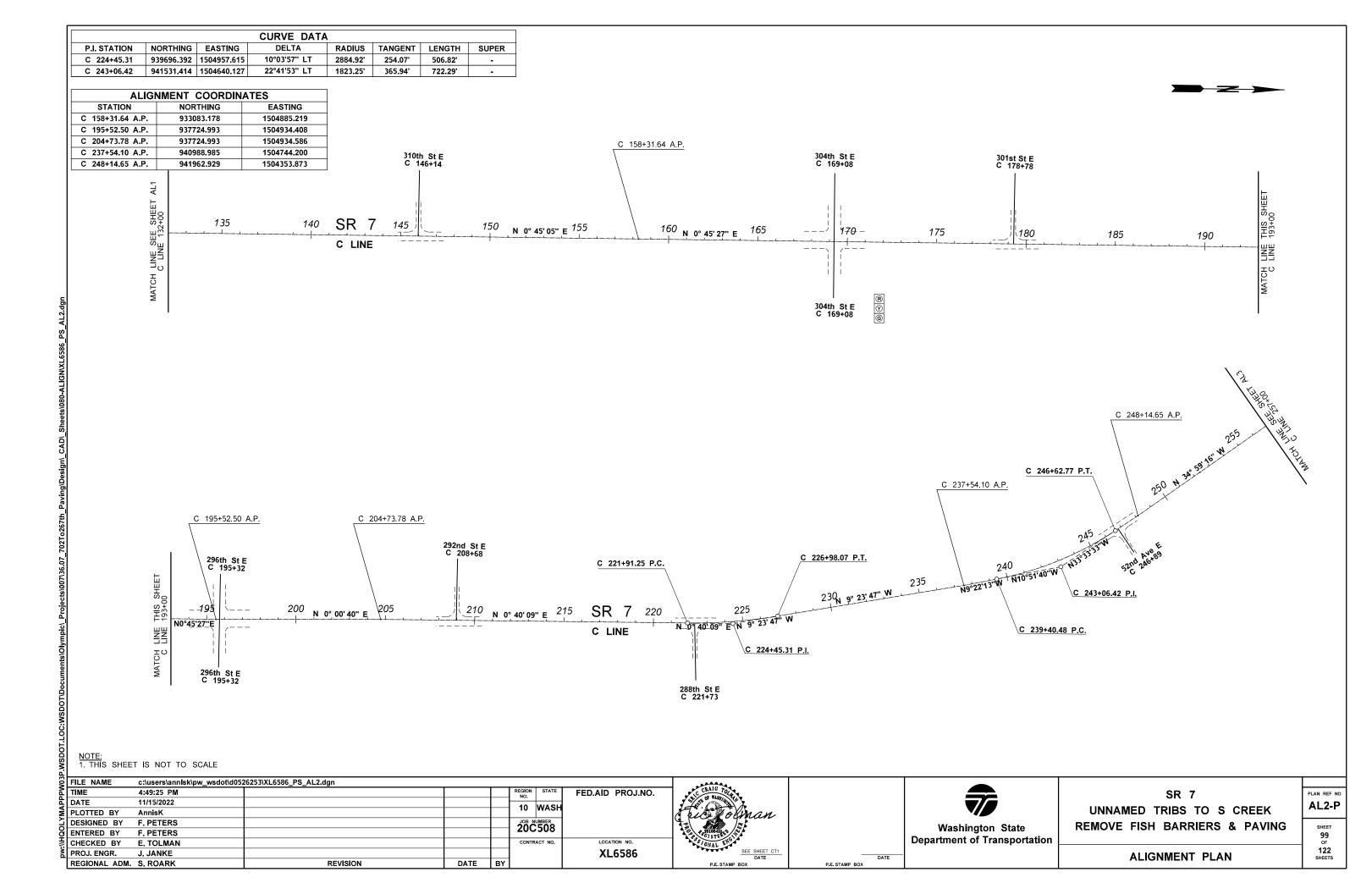
BN6
SHEET

95 OF 122 SHEETS





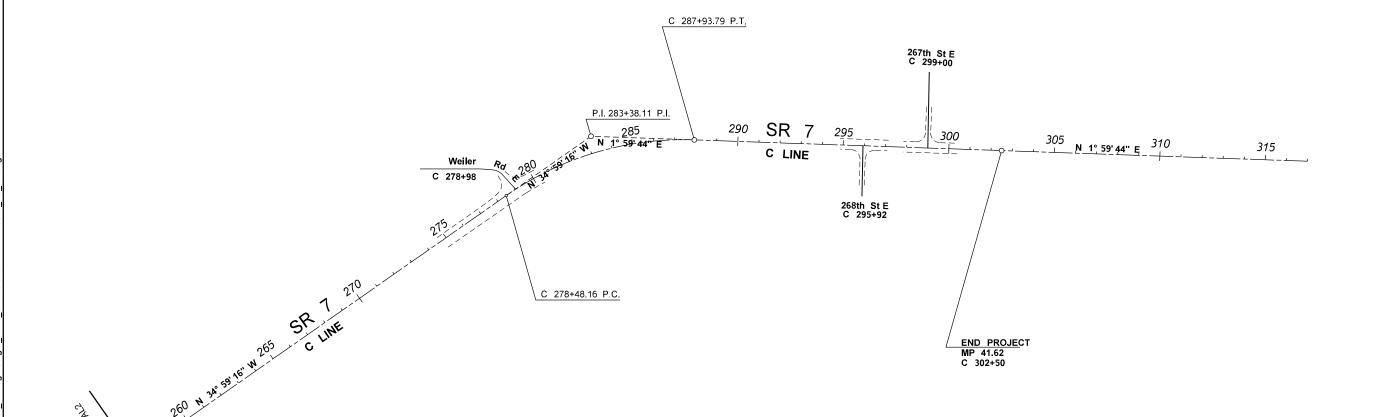




| CURVE DATA | | | | | | | | | | | | | |
|--------------|------------|-------------|--------------|----------|---------|---------|-------|--|--|--|--|--|--|
| P.I. STATION | NORTHING | EASTING | DELTA | RADIUS | TANGENT | LENGTH | SUPER | | | | | | |
| C 283+38.11 | 944849.605 | 1502333.517 | 36°59'00" RT | 1465.00' | 489.95' | 945.63' | - | | | | | | |

| ALIGNMENT COORDINATES | | | | | | | | | | | |
|-----------------------|-----------|------------|--|--|--|--|--|--|--|--|--|
| STATION | NORTHING | EASTING | | | | | | | | | |
| C 302+50.00 P.O.E. | 946794.58 | 1502401.28 | | | | | | | | | |





NOTES 1. THIS SHEET IS NOT TO SCALE

| 8 | FILE NAME | c:\users\annisk\pw_wsdot\d052 | 26253\XL6586_PS_AL3.dgn | | | | | | 1 |
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| ğ | TIME DATE PLOTTED BY | 4:51:40 PM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | 1 |
| 5 | DATE | 11/15/2022 | | | | | WASH | | 4 |
| È | PLOTTED BY | AnnisK | | | | ו ויי | WASH | | 1 \$ |
| 츳 | DESIGNED BY | F. PETERS | | | | JOB N | UMBER 508 | | 14 |
| ğ | DESIGNED BY ENTERED BY CHECKED BY PROJ. ENGR. | F. PETERS | | | | 200 | 500 | | ١ ٦ |
| ₹ | CHECKED BY | E. TOLMAN | | | | CONTR | ACT NO. | LOCATION NO. | 1 |
| Ž | PROJ. ENGR. | J. JANKE | | | | | | XL6586 | 1 |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |





DATE

| SR 7 | | | | | | | | | |
|--------|-------|------|------|-----|-------|---|--|--|--|
| UNNAN | MED T | RIBS | TO | S | CREEK | | | | |
| REMOVE | FISH | BAR | RIER | S 8 | PAVIN | 3 | | | |

AL3-P

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OF

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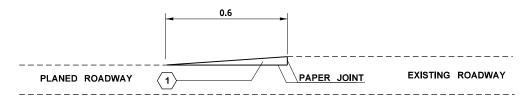
SHEETS

ALIGNMENT PLAN

| | | | | | | C | (AU) | ITITY | TAE | BULA | TION | I - P/ | AVEN | MENT | МА | RKIN | IGS | | | |
|---|---|----------------|--------------------|----------------|----------|-----------------------|------|---------------------|-------------------|---------------------------------|-----------|------------------------|------|------|----|---------------------------------|------------------------|-----------|--------------------------------|--|
| | | | | | | TRIP | | STRIP | | | | | | | | | | | | GENERAL NOTES: |
| CODE LOC | ATION ∀ \ UNIT (| OF MEASU | JRE ≽ | PLASTIC LINE | | S CENTERLINE RUMBLE S | | SHOULDER RUMBLE STE | | E RECESSED PAVEMENT E MARKER | | FLASTIC WIDE LINE | | | | | | | SEE GENERAL NOTES | |
| | TO C 302+50 (EDGE | | | 54220 | | | | | | | | | | | | | | | 4, 11 | SEE STANDARD PLAN M-3.10 (LEFT TURN CHANNELIZATION) |
| C 9+42 C 9+42 | TO C 302+50 (CEN TO C 246+20 (RT) TO C 233+00 (LT) 23 TO 269+80 (LL, | | | 29310 3460 | | 5.5 | | 4.5 4.2 | | 0.4 | | | | | | | | | 4, 5, 10 9 9 4, 5, 12 | SEE STANDARD PLAN M-5.10 (RIGHT TURN CHANNELIZATION) |
| C 10+58 C 167+6 | TO C 9+67 8 TO C 12+21 62 TO C 168+62 72 TO C 170+67 | | | | | | | | | | | 25 163 100 95 | | | | | | | 1,6 1,6 1,6 1,6 | 3. SEE STANDARD PLAN M-15.10 (CROSSWALK LAYOUT) 4. SEE STANDARD PLAN M-20.10 |
| C 222+7 | 79 TO C 223+91 | | | | | | | | | | | 112 | | | | | | | 1,6 | (LONGITUDINAL MARKING PATTERNS) |
| C 278+6 | 18 TO C 278+46 60 TO C 278+75 12 TO C 280+21 | | | | | | | | | | | 128 15 109 | | | | | | | 1,6 1,2 1,2 | 5. SEE STANDARD PLAN M-20.30 (LONGITUDINAL MARKING SUPPLEMENT W/ RPMs) 6. SEE STANDARD PLAN M-20.40 |
| C 9+76 C 168+7 | | Τ\ | | | | | | | | | | | | | | | | | | (LONGITUDINAL MARKING SUPPLEMENT W/ RPMs ~ TURN LANES) |
| C 168+8 | 84 TO C 169+32 (E | | | | | | | | | | | | | | | | | | | 7. SEE STANDARD PLAN M-24.20 (TRAFFIC ARROWS) |
| C 9+67 C 10+58 C 168+6 C 170+6 | 62 | | | | | | | | | | | | | | | | | | | 8. SEE STANDARD PLAN M-24.60 (SYMBOL MARKINGS MISC.) |
| C 9+44 C 11+08 | | | | | | | | | | | | | | | | | | | | 9. SEE STANDARD PLAN M-60.20 (SHOULDER RUMBLE STRIPS) |
| C 12+18 C 167+7 C 168+2 | 3 70 | | | | | | | | | | | | | | | | | | | 10. SEE STANDARD PLAN M-65.10 (CENTERLINE RUMBLE STRIP) |
| C 170+2 | 10 | | | | | | | | | | | | | | | | | | | 11. EDGE LINE, WHITE |
| C 223+6 C 277+2 | 15 32 | | | | | | | | | | | | | | | | | | | 12. LANE LINE ALL PLASTIC PAVEMENT MARKINGS SHALL BE |
| C 278+ | 10 | | | | | | | | | | | | | | | | | | | TYPE D. |
| C 279+5 | <u>.</u> | SHEE PROJEC | T TOTAL T TOTAL | 86990 86990 | | 5.5 5.5 | | 8.7 8.7 | | 4.9 4.9 | | 747 747 | | | | | | | | |
| DESIGNED BY | | | | | | | | REGION NO. | STATE WASH | FED. AID F | PROJ. NO. | | | | | | | | | SR 7 UNNAMED TRIBS TO S CREEK |
| | E. TOLMAN J. JANKE | | | | | | | JOB NU 20C | 508 | | | | | | | <i>W</i> ashingtor Departmen | n State it of Trans | portation | | MOVE FISH BARRIERS & PAVING SHEET 101 OF TV TABLILATION DAVEMENT MARKINGS |
| REGION ADM. | S. RUAKK | DATE | DATE | | REVISION | | BY | CONTRA | AUT NU. | | | | | | | | | | QUANTI | TY TABULATION - PAVEMENT MARKINGS 122 SHEETS |

HMA TRANSVERSE PAPER JOINT DETAIL

SEE STANDARD SPECIFICATION 5-04.3(12)A1, "TRANSVERSE JOINTS"
NOT TO SCALE

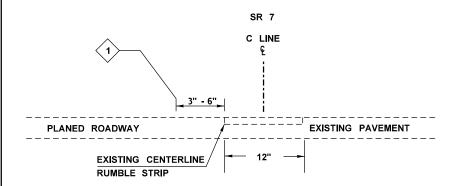


HMA LONGITUDINAL PAPER JOINT DETAIL

SEE SPECIAL PROVISION, "HMA LONGITUDINAL PAPER JOINT AT INTERSECTIONS"

SEE STANDARD SPECIFICATION 5-04.3(12)A2, "LONGITUDINAL JOINTS"

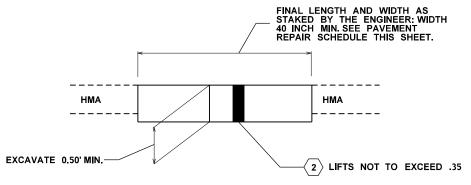
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HMA LONGITUDINAL JOINT DETAIL

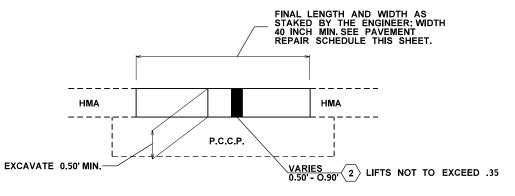
SEE STD. PLAN M-65.10, "CENTERLINE RUMBLE STRIP"

NOT TO SCALE



PAVEMENT REPAIR DETAIL 1

SEE STANDARD SPECIFICATION 5-04.3(4)C, "PAVEMENT REPAIR"
NOT TO SCALE



PAVEMENT REPAIR DETAIL 2

SEE STANDARD SPECIFICATION 5-04.3(4)C, "PAVEMENT REPAIR"
NOT TO SCALE

| PAVEMENT REPAIR SCHEDULE SB SR 7 | | | | | | | |
|----------------------------------|----------|--------|-------|------|--|--|--|
| STATION | STATION | LENGTH | WIDTH | SY | | | |
| | | | | | | | |
| C 199+42 | C 199+68 | 26.0' | 3.33' | 9.6 | | | |
| C 200+25 | C 201+30 | 105.0' | 3.33' | 38.9 | | | |
| | | | | | | | |
| | | | TOTAL | 48.5 | | | |

| PAVEMENT REPAIR SCHEDULE NB SR 7 | | | | | | | |
|----------------------------------|----------|--------|-------|-----|--|--|--|
| STATION | STATION | LENGTH | WIDTH | SY | | | |
| | | | | | | | |
| C 199+42 | C 199+68 | 26.0' | 3.33' | 9.6 | | | |
| | | | | | | | |
| | | | TOTAL | 9.6 | | | |

| PAVEMENT REPAIR SCHEDULE AT BRIDGE APPROACHES (007/113) | | | | | | | | |
|---|---------|--------|-------|------|--|--|--|--|
| STATION | STATION | LENGTH | WIDTH | SY | | | | |
| | | | | | | | | |
| C 54+50 | C 54+54 | 4.0' | 23.0' | 10.2 | | | | |
| C 55+16 | C 55+20 | 4.0' | 23.0' | 10.2 | | | | |
| | | | | | | | | |
| | | | TOTAL | 20.4 | | | | |

DIMENSIONS AND STATION LOCATIONS ARE APPROXIMATE AND WILL BE STAKED BY THE ENGINEER QUANTITIES SHOWN ARE INFORMATIONAL.

LEGEND

1 HMA CL.1/2IN. PG 58H-22

2 HMA FOR PAVEMENT REPAIR CL.1/2IN. PG 58H-22

CONSTRUCTION NOTES

PAVING JOINT SHALL BE INSTALLED 9" TO 12"
OFFSET FROM THE CENTERLINE OF THE ROADWAY

NOTES:

1. ALL DIMENSIONS ARE IN FEET UNLESS NOTED OTHERWISE 2. ALL DEPTHS SHOWN ARE FINAL COMPACTED DEPTHS

| FILE NAME | c:\users\annisk\pw_wsdot\d052 | 26313\XL6586_PS_PD1.dgn | | | | | |
|---------------|-------------------------------|-------------------------|------|----|---------------|---------------|------------------|
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| DATE | 11/15/2022 | | | | | WASH | |
| PLOTTED BY | AnnisK | | | | יי ן | WASH | |
| DESIGNED BY | F. PETERS | | | | JOB 1 | C508 | |
| ENTERED BY | F. PETERS | | | | 200 | , 5 00 | |
| CHECKED BY | E. TOLMAN | | | | CONTI | RACT NO. | LOCATION NO. |
| PROJ. ENGR. | J. JANKE | | | | 1 | | XL6586 |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | 1 | | |

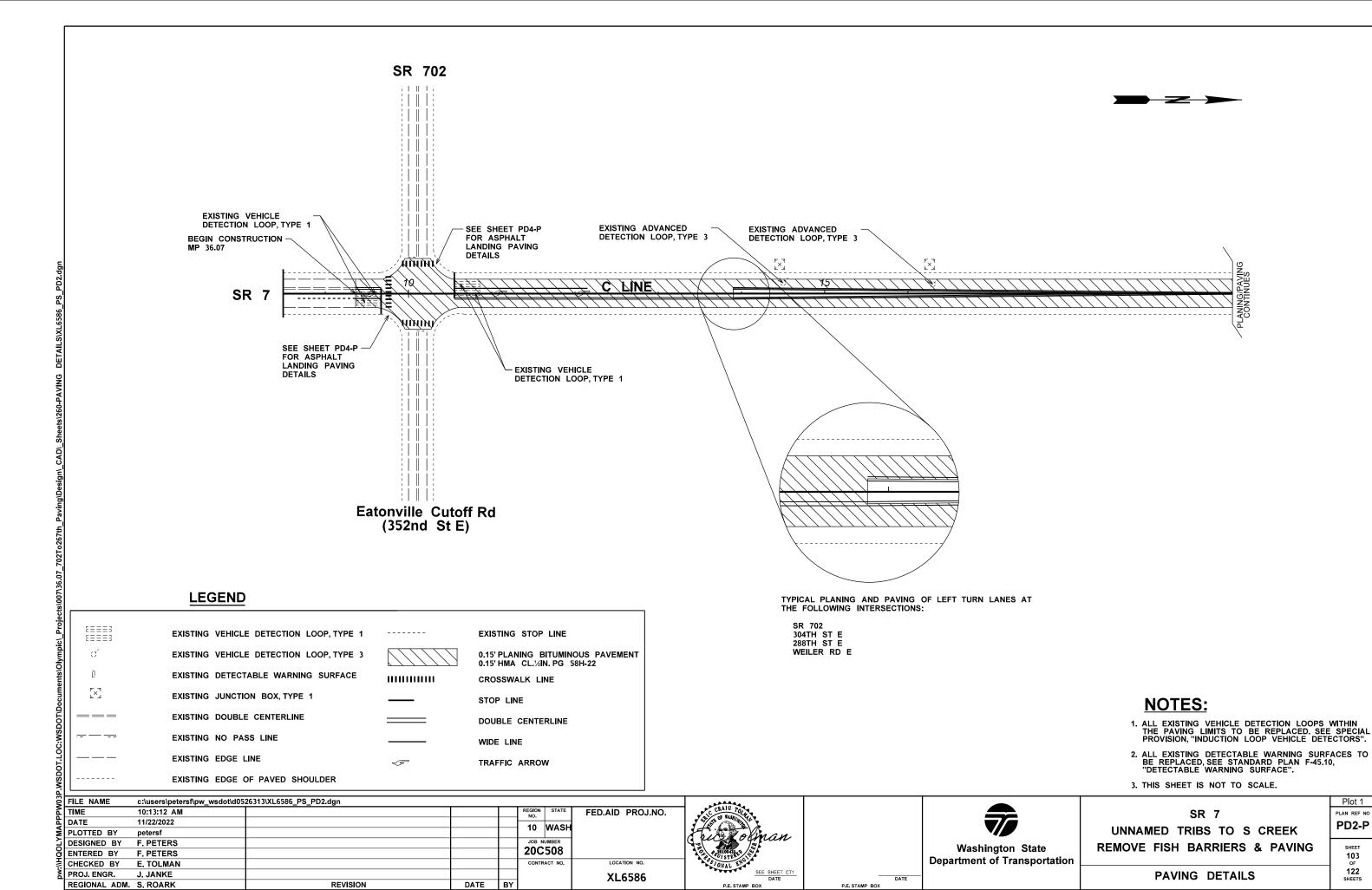


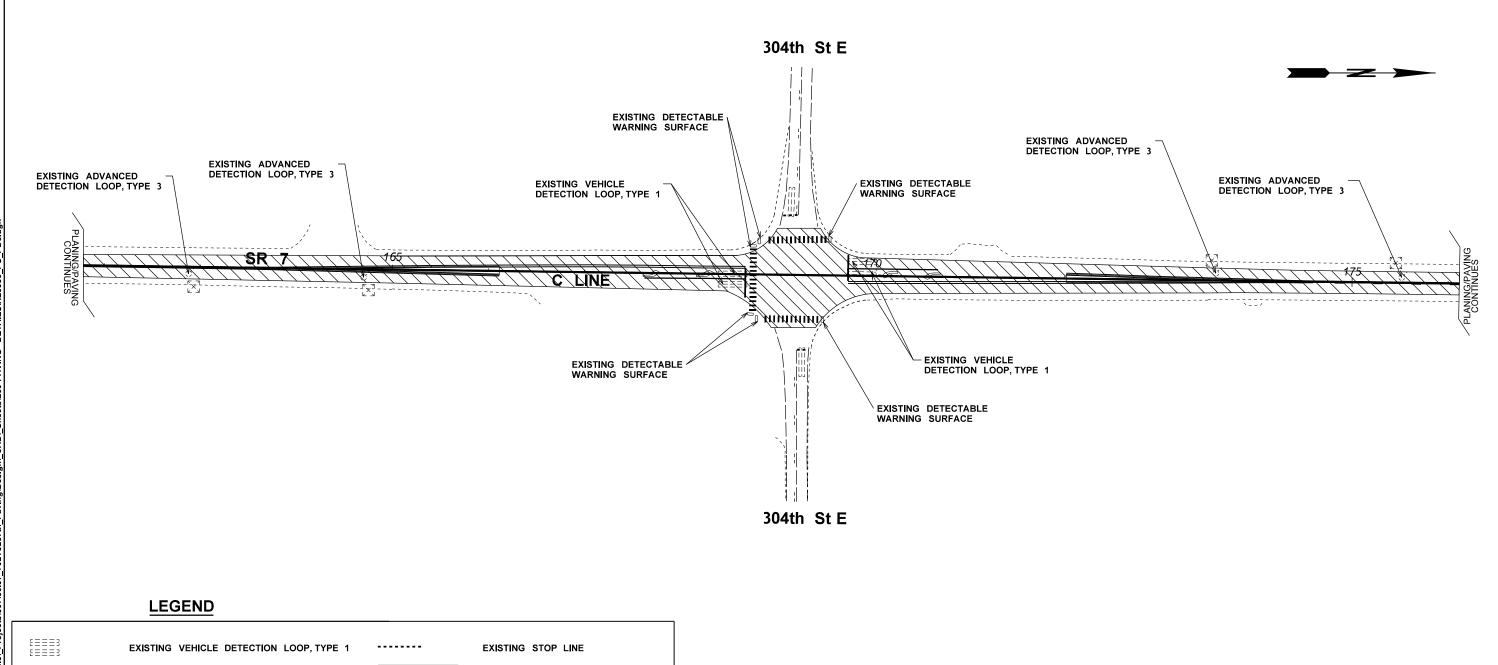


| SR 7 UNNAMED TRIBS TO S CREEK | | | | | | |
|----------------------------------|--|--|--|--|--|--|
| REMOVE FISH BARRIERS & PAVING | | | | | | |
| PAVING DETAILS | | | | | | |

PLAN REF NO
PD1-P

SHEET
102
OF
122
SHEETS





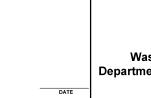
| E≡≡3 E≡≡3 | EXISTING VEHICLE DETECTION LOOP, TYPE 1 | | EXISTING STOP LINE |
|--------------|---|----------|--|
| ď | EXISTING VEHICLE DETECTION LOOP, TYPE 3 | | 0.15' PLANING BITUMINOUS PAVEMENT 0.15' HMA CL.½IN. PG 58H-22 |
| ٥ | EXISTING DETECTABLE WARNING SURFACE | | CROSSWALK LINE |
| [×] | EXISTING JUNCTION BOX, TYPE 1 | | STOP LINE |
| | EXISTING DOUBLE CENTERLINE | | DOUBLE CENTERLINE |
| | EXISTING NO PASS LINE | | WIDE LINE |
| | EXISTING EDGE LINE | ₹ | TRAFFIC ARROW |
| | EXISTING EDGE OF PAVED SHOULDER | | |

NOTES:

- ALL EXISTING VEHICLE DETECTION LOOPS WITHIN THE PAVING LIMITS TO BE REPLACED. SEE SPECIAL PROVISION, "INDUCTION LOOP VEHICLE DETECTORS".
- 2. ALL EXISTING DETECTABLE WARNING SURFACES TO BE REPLACED, SEE STANDARD PLAN F-45.10, "DETECTABLE WARNING SURFACE".
- 3. THIS SHEET IS NOT TO SCALE.

| 3 | FILE NAME | c:\users\petersf\pw_wsdot\d0526313\XL6586_PS_PD3.dgn | | | | | | | |
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| Š | TIME | 10:02:48 AM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | ı |
| ţ | DATE | 11/22/2022 | | | | 10 | WASH | | ١, |
| È | PLOTTED BY | petersf | | | | 10 | WASH | | k |
| בֻ | DESIGNED BY | F. PETERS | | | | JOB N | | | Q |
| 3 | ENTERED BY | F. PETERS | | | | 20C | 508 | | Ι' |
| Ę | CHECKED BY | E. TOLMAN | | | | CONTR | ACT NO. | LOCATION NO. | ı |
| Ѯ | PROJ. ENGR. | J. JANKE | | | | | | XL6586 | ı |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | 7120000 | ı |





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| Washington State Department of Transportation | REN |
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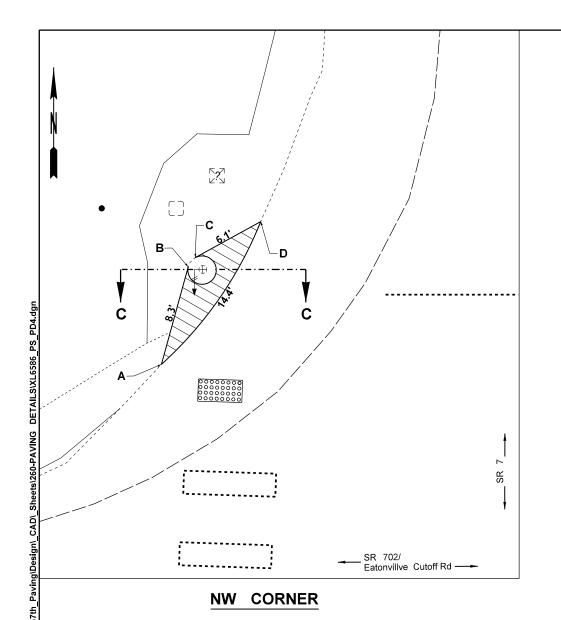
| SR 7 | | | | | | | | |
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| UNNAM | IED TE | RIBS ' | TO S | CF | REEK | | | |
| REMOVE | FISH | BARR | IERS | & | PAVING | | | |
| | | | | | | _ | | |

PAVING DETAILS

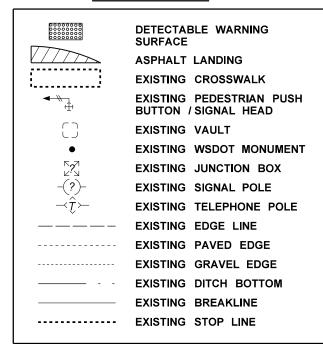
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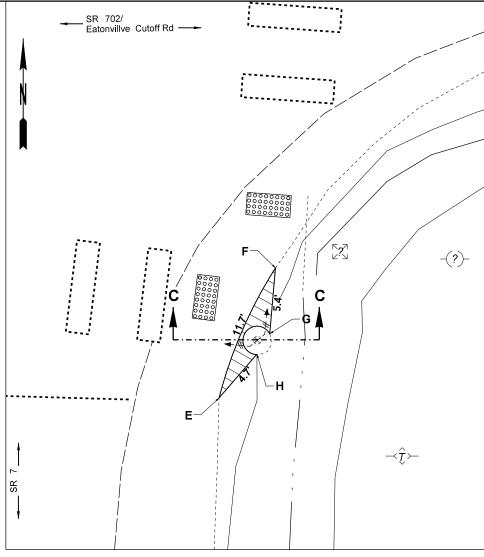
SHEET
104
OF
122
SHEETS

Plot 1



LEGEND





SE CORNER

ASPHALT LANDING

SEE ASPHALT LANDING DETAIL THIS SHEET
DIMENSIONS LISTED ARE MINIMUM

| 5 | IONS LIS | IED ARE MIN | IMUM | 1 | 2 | 3 |
|---|----------|-------------|------------|----------|----------|---------|
| | POINT | STATION | OFFSET | QTY | QTY | QTY |
| | Α | C 10+52.6 | (39.7' LT) | | | |
| | В | C 10+60.6 | (37.7' LT) | | | |
| | С | C 10+61.4 | (37.1' LT) | | | |
| | D | C 10+64.5 | (31.8' LT) | | | |
| | | | TOTAL | 0.50 TON | 0.40 TON | 0.50 CY |

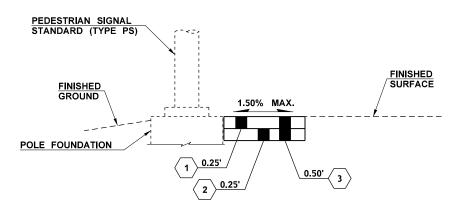
ASPHALT LANDING

SEE ASPHALT LANDING DETAIL THIS SHEET

| ENS | IONS LIST | TED ARE MIN | NIMUM | $\left\langle 1\right\rangle$ | 2 | 3 |
|-----|-----------|-------------|------------|-------------------------------|----------|---------|
| | POINT | STATION | / OFFSET | QTY | QTY | QTY |
| | E | C 9+69.6 | (29.6' RT) | | | |
| | F | C 9+80.3 | (34.0' RT) | | | |
| | G | C 9+74.9 | (33.7' RT) | | | |
| | Н | C 9+73.2 | (32.6' RT) | | | |
| | | | TOTAL | 0.20 TON | 0.20 TON | 0.20 CY |

LEGEND

- 1 HMA CL. ½ IN. PG 58H-22
- igg(2igg) Crushed surfacing base course
- 3 ROADWAY EXCAVATION INCL. HAUL



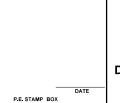
SECTION C-C

NOTES:

- 1. DIMENSIONS ARE IN DECIMAL FEET.
- 2. ALL DEPTHS SHOWN ARE COMPACTED DEPTHS.
- 3. THIS SHEET IS NOT TO SCALE.

| FILE NAME | c:\users\annisk\pw_wsdot\d052 | 26313\XL6586_PS_PD4.dgn | | | | | | |
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| TIME | 5:08:53 PM | | | | REGION NO. | STATE | FED.AID PROJ.NO. | l |
| DATE | 11/15/2022 | | | | | WASH | | ı |
| PLOTTED BY | AnnisK | | | | יי ן | WASH | | l٨ |
| DESIGNED BY | F. PETERS | | | | JOB N | 508 | | ľ |
| ENTERED BY | F. PETERS | | | | 200 | ,500 | | ı |
| CHECKED BY | E. TOLMAN | | | | CONTR | RACT NO. | LOCATION NO. | l |
| PROJ. ENGR. | J. JANKE | | | | | | XL6586 | ı |
| REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |





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|---|---|
| Washington State Department of Transportation | |
| | ı |

SR 7
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

PAVING DETAILS

SHEET 105 OF 122 SHEETS

PLAN REF NO

| PLASTIC JUNCTION | BOX MAR | KING |
|------------------|------------|------|
| SEE STANDARD F | PLAN M-24. | .60 |
| | | |
| STATION | OFFSET | EACH |
| C 11+03 | 18' RT | 1 |
| C 11+19 | 18' LT | 1 |
| C 12+02 | 18' LT | 1 |
| C 12+64 | 16' LT | 1 |
| C 13+05 | 16' LT | 1 |
| C 14+53 | 15' LT | 1 |
| C 16+36 | 14' LT | 1 |
| C 162+88 | 12' RT | 1 |
| C 164+88 | 12' RT | 1 |
| C 168+61 | 22' LT | 2 |
| C 168+83 | 25' LT | 1 |
| C 168+83 | 40' RT | 1 |
| C 169+68 | 29' LT | 1 |
| C 169+90 | 18' LT | 1 |
| C 171+62 | 17' LT | 1 |
| C 172+15 | 16' LT | 1 |
| C 173+58 | 15' LT | 1 |
| C 175+42 | 13' LT | 1 |
| C 221+07 | 12' LT | 1 |
| C 223+26 | 12' LT | 1 |
| C 223+35 | 12' RT | 1 |
| C 224+47 | 19' LT | 1 |
| C 225+76 | 17' LT | 1 |
| C 276+49 | 25' LT | 1 |
| C 276+92 | 25' LT | 1 |
| C 277+78 | 25' LT | 1 |
| | | • |
| PROJECT TOTAL | | 27 |
| | | |

| PLASTIC DRAINA | GE MARKING | | | | | |
|---------------------------|---------------|------|--|--|--|--|
| SEE STANDARD PLAN M-24.60 | | | | | | |
| STATION | OFFSET | EACH | | | | |
| C 280+06 | 18.0' RT | 1 | | | | |
| C 278+50 | 13.7' RT | 1 | | | | |
| C 277+41 | 13.2' RT | 1 | | | | |
| C 276+88 | 12.8' RT | 1 | | | | |
| C 276+76 | 25.0' IT | 1 | | | | |
| C 271+97 | 14.6' RT | 1 | | | | |
| C 266+56 | 13.7' RT | 1 | | | | |
| C 196+40 | 12.0' RT | 1 | | | | |
| C 142+47 | 12.0' LT & RT | 2 | | | | |
| C 142+38 | 12.0' LT & RT | 2 | | | | |
| C 79+88 | 12.0' LT & RT | 2 | | | | |
| C 72+89 | 12.0' LT & RT | 1 | | | | |
| C 42+75 | 12.0' LT | 2 | | | | |
| C 42+66 | 12.0' RT | 2 | | | | |
| C 25+52 | 12.0' LT & RT | 2 | | | | |
| | <u> </u> | | | | | |
| PROJECT TOTAL | | 21 | | | | |

| DETECTABLE V | VARNING SURFACE | |
|----------------|-----------------|-----|
| SEE STD. | PLAN F-45.10 | |
| LINE / STATION | 055057 | er. |
| LINE / STATION | OFFSET | SF |
| C 9+80 | 26' RT & 20' LT | 24 |
| C 9+93 | 35' RT | 12 |
| C 9+98 | 35' LT | 12 |
| C 10+37 | 38' RT | 12 |
| C 10+45 | 33' LT | 12 |
| C 168+75 | 49' RT & 30' LT | 24 |
| C 168+80 | 53' RT | 12 |
| C 168+83 | 30' LT | 12 |
| C 169+44 | 51' RT | 12 |
| C 169+56 | 36' RT | 12 |
| | | |
| PROJECT TOTAL | | 144 |

| PLASTIC CROSSWALK LINE | | | | | | |
|------------------------|------------------|-----|--|--|--|--|
| SEE STANDAI | RD PLAN M-15.10 | | | | | |
| | | | | | | |
| STATION | OFFSET | SF | | | | |
| C 9+80 | 18' LT TO 24' RT | 128 | | | | |
| C 9+94 TO 10+36 | 35' RT TO 38' RT | 128 | | | | |
| C 9+99 TO 10+43 | 25' LT TO 47' LT | 144 | | | | |
| C 168+75 | 25' LT TO 48' RT | 192 | | | | |
| C 168+84 TO 169+37 | 52' RT | 144 | | | | |
| C 168+85 TO 169+58 | 36' LT | 208 | | | | |
| | | | | | | |
| PROJECT TOTAL | | 944 | | | | |

| PLASTIC STOP LINE | | | | | | |
|--------------------|---------------------|------|--|--|--|--|
| SEE STANDARD PL | ANS, M-15.10 & M-2 | 4.60 | | | | |
| | , | | | | | |
| STATION | OFFSET | LF | | | | |
| C 9+69 | 4' LT TO 22' RT | 26 | | | | |
| C 10+59 | 21.0' LT TO 8.0' RT | 29 | | | | |
| C 168+63 | 6.0' LT TO 23.0' RT | 29 | | | | |
| C 169+73 | 20' LT TO 5' RT | 25 | | | | |
| C 278+75 TO 278+90 | 20' LT TO 5' RT | 15 | | | | |
| | | | | | | |
| PROJECT TOTAL | | 124 | | | | |

| PLASTIC TRAFFIC ARROW | | | | | | |
|--|------------|------------|--|--|--|--|
| SEE STANDARD PLANS M-3.10 & M-24.20 | | | | | | |
| LINE / STATION | TYPE 2L | TYPE 2R | | | | |
| C 09+44 | 1 | | | | | |
| C 11+08 | 1 | | | | | |
| C 12+18 | 1 | | | | | |
| C 167+70 | 1 | | | | | |
| C 168+28 | 1 | | | | | |
| C 170+10 | 1 | | | | | |
| C 170+62 | 1 | | | | | |
| C 223+15 | 1 | | | | | |
| C 223+82 | 1 | | | | | |
| C 277+28 | 1 | | | | | |
| C 278+10 | 1 | | | | | |
| C 279+55 | | 1 | | | | |
| | | | | | | |
| PROJECT TOTAL | 1 | 2 | | | | |

| FLEXIBLE GUID | E POST - E | BRIDGE 007/113 | | | | |
|---------------|-------------|----------------|--|--|--|--|
| SEE S | TD. PLAN | /I-40.50 | | | | |
| | | | | | | |
| SR MP | TYPE | QUANTITY | | | | |
| 36.92 | 36.92 WW 12 | | | | | |
| | | | | | | |
| TOTAL | | 12 | | | | |
| 50.02 | WW | · - | | | | |

| FLEXIBLE GUIDE POST - INTERSECTIONS | | | | | | | | | | |
|-------------------------------------|-----|---|---|-----|--|--|--|--|--|--|
| SEE STD.PLAN M-40.30 | | | | | | | | | | |
| I/S TYPE TYPE TYPE QTY | | | | | | | | | | |
| 347th St E | 6 | 1 | 1 | 8 | | | | | | |
| 346th St E | 6 | 1 | 1 | 8 | | | | | | |
| 343th St E | 6 | 1 | 1 | 8 | | | | | | |
| 340th St E | 6 | 1 | 1 | 8 | | | | | | |
| 332th St E | 12 | 2 | 2 | 16 | | | | | | |
| 328th St E | 6 | 1 | 1 | 8 | | | | | | |
| 320th St E | 16 | 2 | 2 | 20 | | | | | | |
| 316th St E | 6 | 1 | 1 | 8 | | | | | | |
| 301st St E | 7 | 1 | 1 | 9 | | | | | | |
| 296th St E | 6 | 1 | 1 | 8 | | | | | | |
| 292nd St E | 6 | 1 | 1 | 8 | | | | | | |
| 52nd St E | 6 | 1 | 1 | 8 | | | | | | |
| 268th St E | 6 | 1 | 1 | 8 | | | | | | |
| 267th St E | 6 | 1 | 1 | 8 | | | | | | |
| | | | | | | | | | | |
| TO | TAL | | | 133 | | | | | | |

| | | | | ZONTAL CI | | |
|-------------|-------------|----------------|----------------|-----------------|------------|-----|
| | | SEE ST | D. PLAN M- | 40.40 | | |
| BEG STA | END STA | RADIUS (FT) | LENGTH (FT) | SPACING (FT) | TYPE WW | QTY |
| C 221+91.25 | C 226+98.07 | 2884.92' | 506.82' | 160' | 6 | 6 |
| C 239+40.48 | C 246+62.77 | 1823.25' | 722.29' | 124' | 9 | 9 |
| C 278+48.16 | C 287+93.79 | 1465.00' | 945.63' | 110' | 12 | 12 |
| | | | • | | | |
| TOTA | \L | | | | | 27 |
| | | | | | | |
| PROJECT | TOTAL | | | | | 172 |

1. SEE SPECIAL PROVISION, "PRELIMINARY SPOTTING".

| 03 | FILE NAME | c:\users\petersf\pw_wsdot\d05 | 31588\XL6586_SH_MS1.dgn | | | | | | Т |
|----|----------------------------|-------------------------------|-------------------------|------|----|-----------|----------|------------------|----|
| Š | TIME DATE PLOTTED BY | 8:31:05 AM | | | | REGION : | STATE | FED.AID PROJ.NO. | 1 |
| Ä | DATE | 11/22/2022 | | | | | VASH | | |
| ž | PLOTTED BY | petersf | | | | ויין טו ן | MSI | | 12 |
| ۲ | DESIGNED BY | F. PETERS | | | | 20C5 | BER O | | ١٩ |
| ğ | DESIGNED BY ENTERED BY | F. PETERS | | | | 2003 | ا ما | | |
| ₹ | CHECKED BY | E. TOLMAN | | | | CONTRACT | T NO. | LOCATION NO. | 1 |
| | PROJ. ENGR. | J. JANKE | | | | | | XL6586 | |
| | REGIONAL ADM. | S. ROARK | REVISION | DATE | BY | | | | |



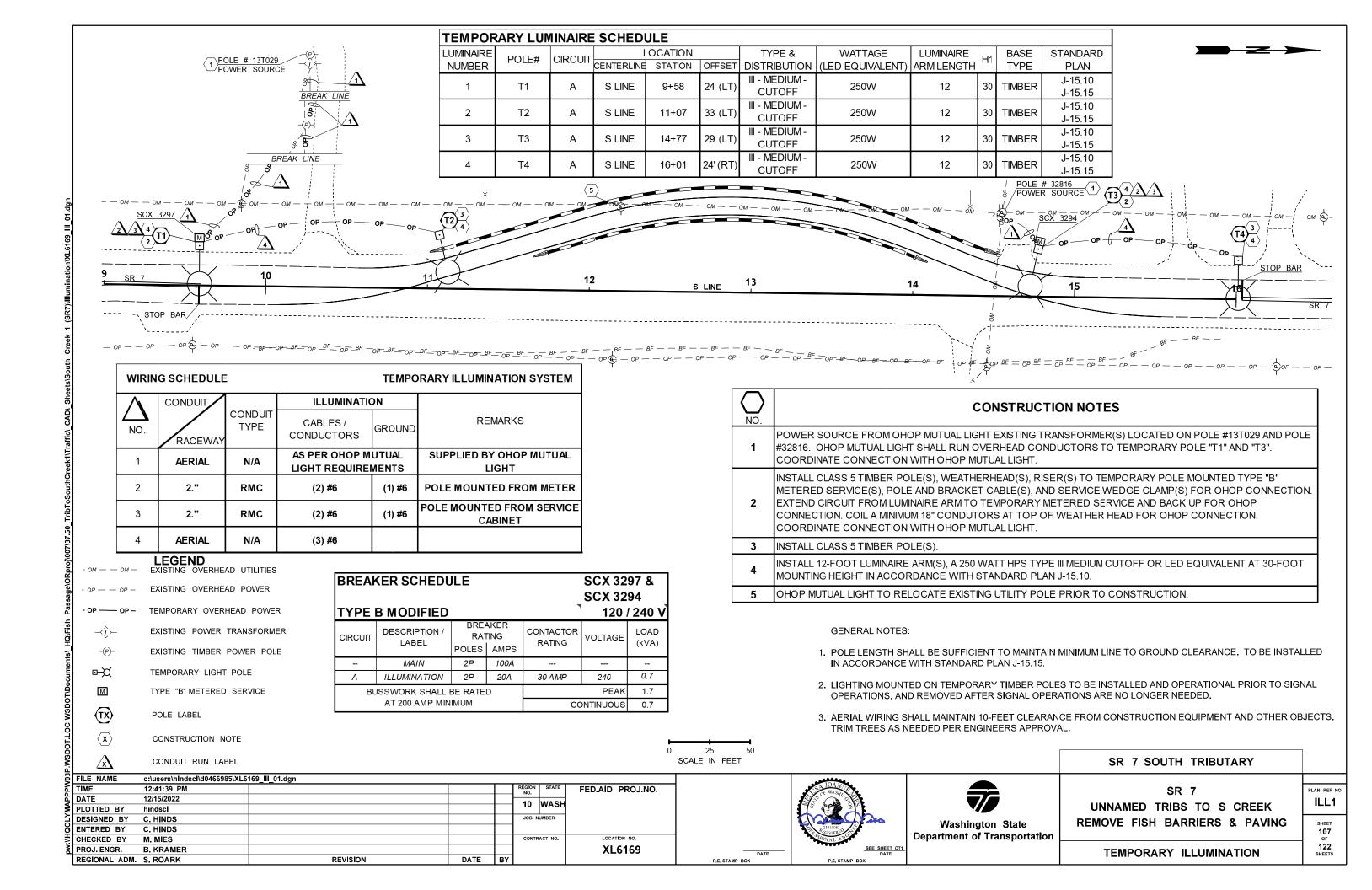


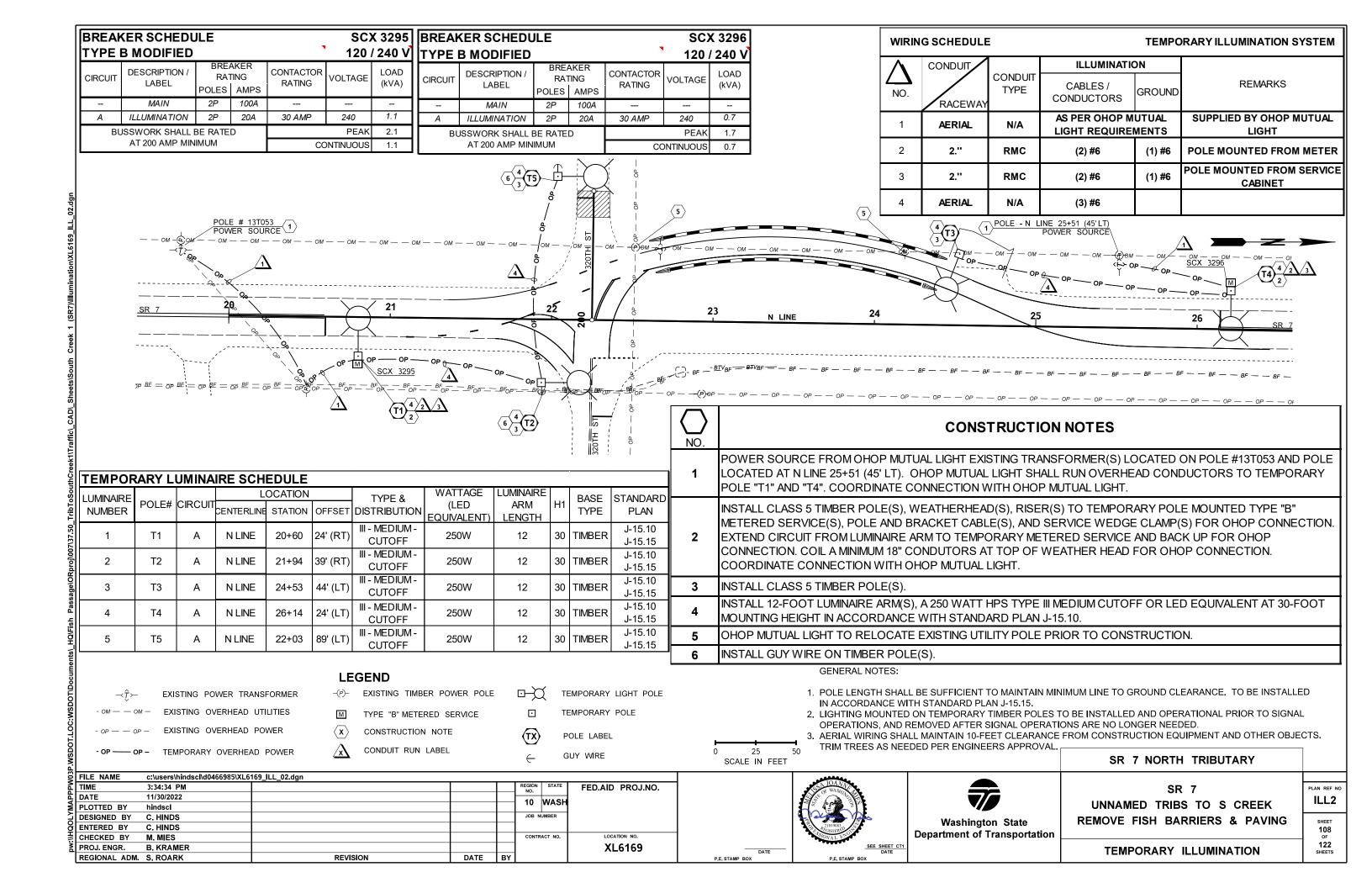


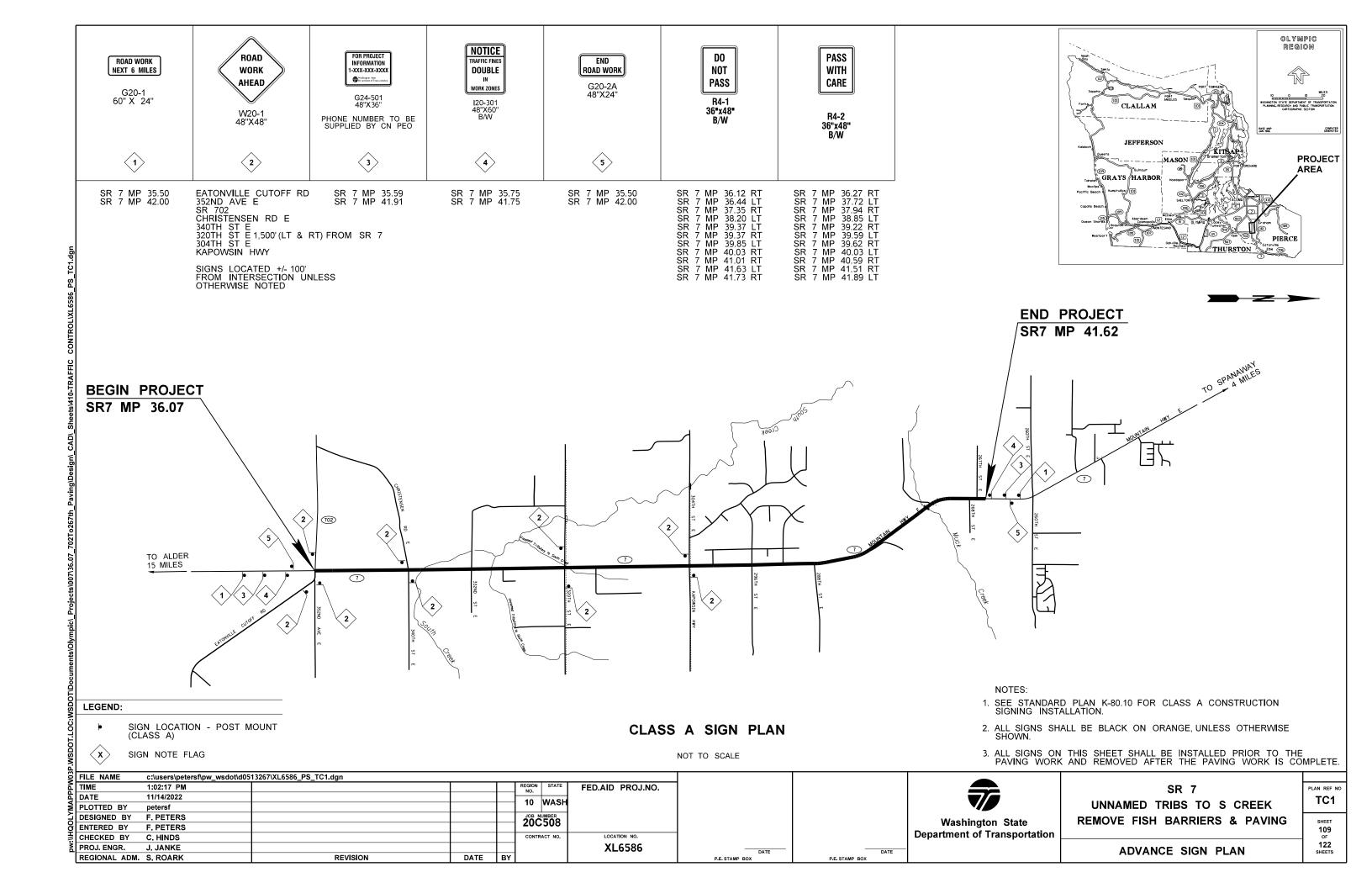
SR 7 UNNAMED TRIBS TO S CREEK REMOVE FISH BARRIERS & PAVING

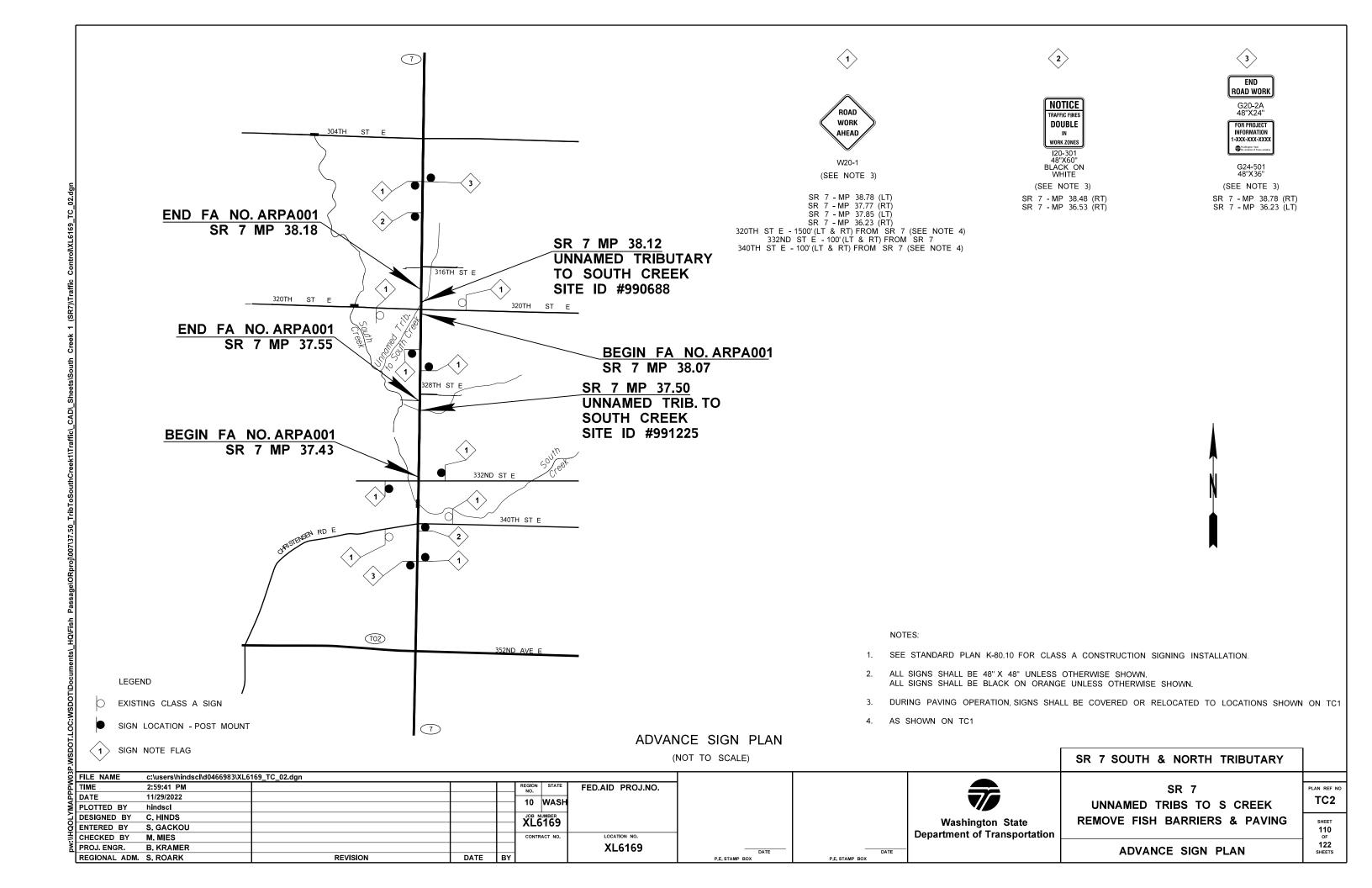
MISCELLANEOUS SCHEDULES

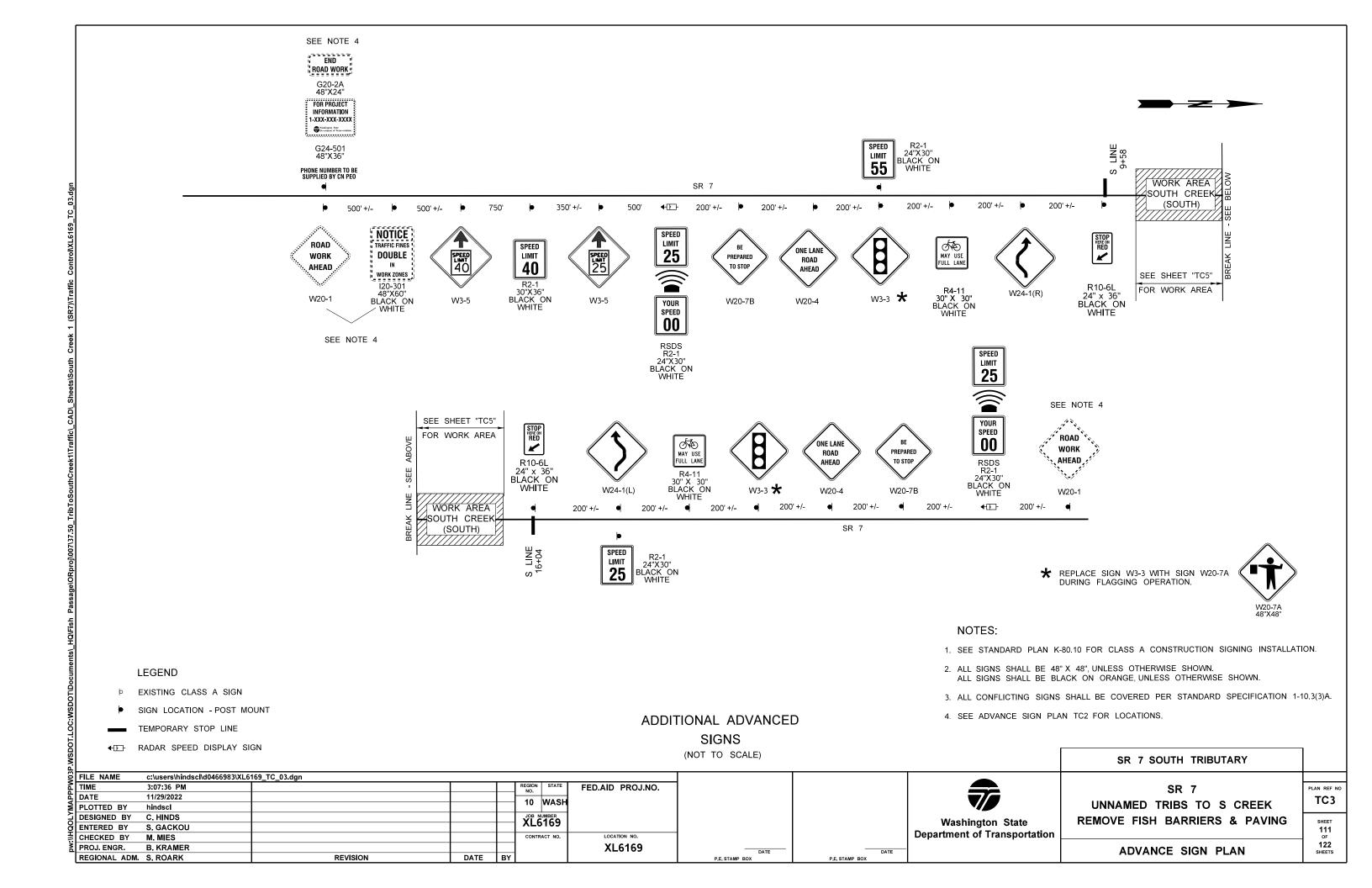
MS1-P 106 OF 122 SHEETS

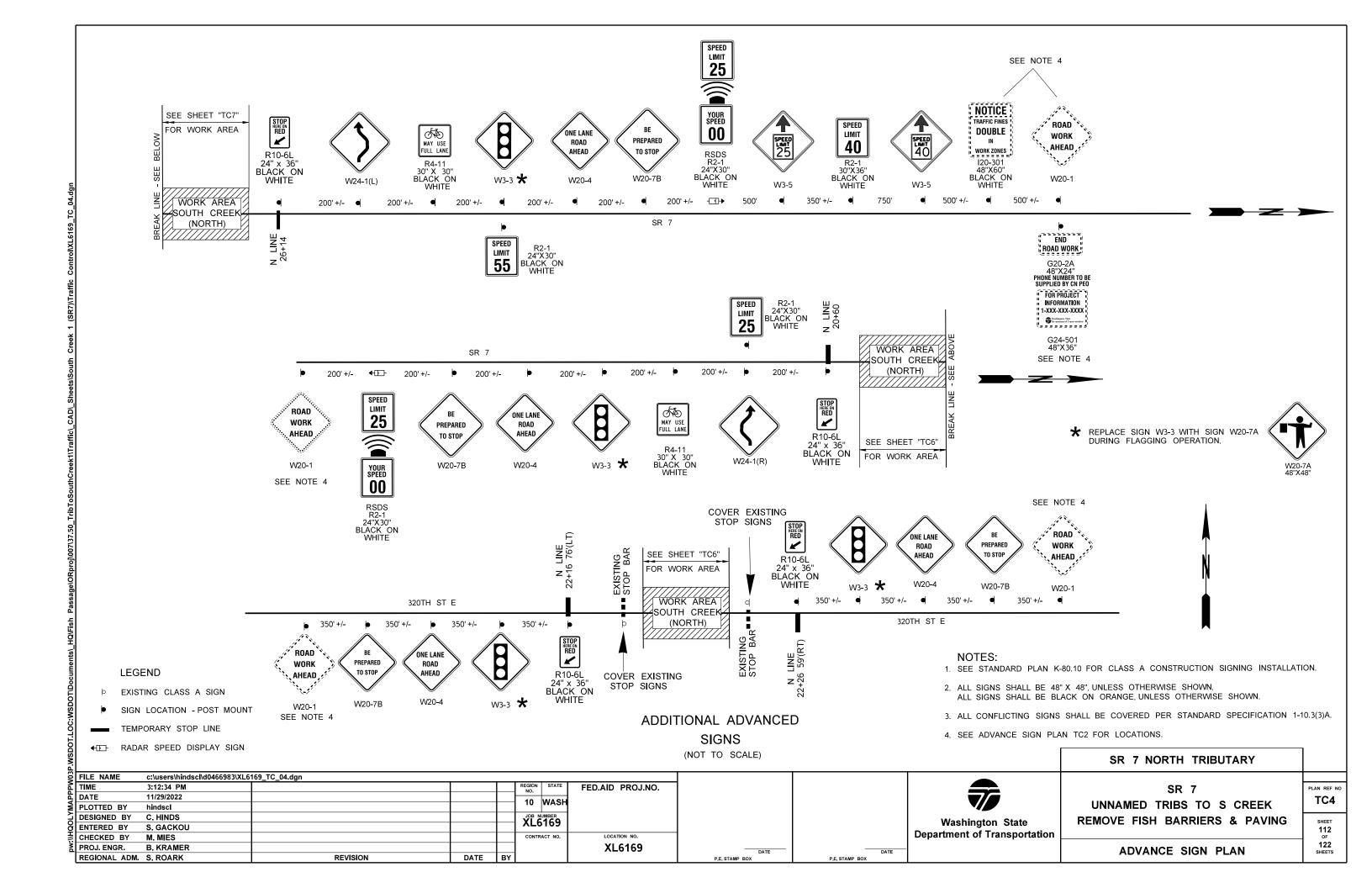


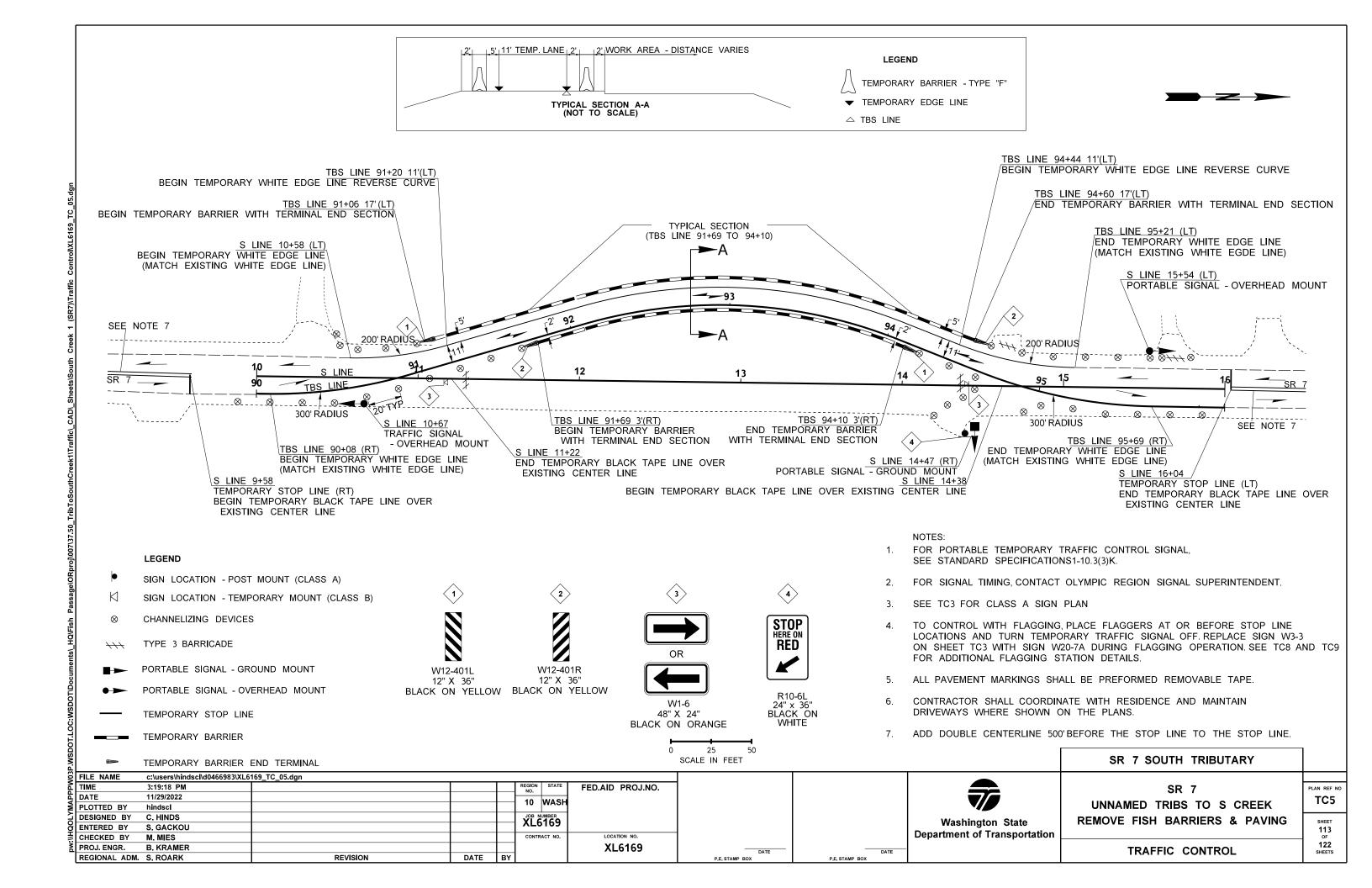


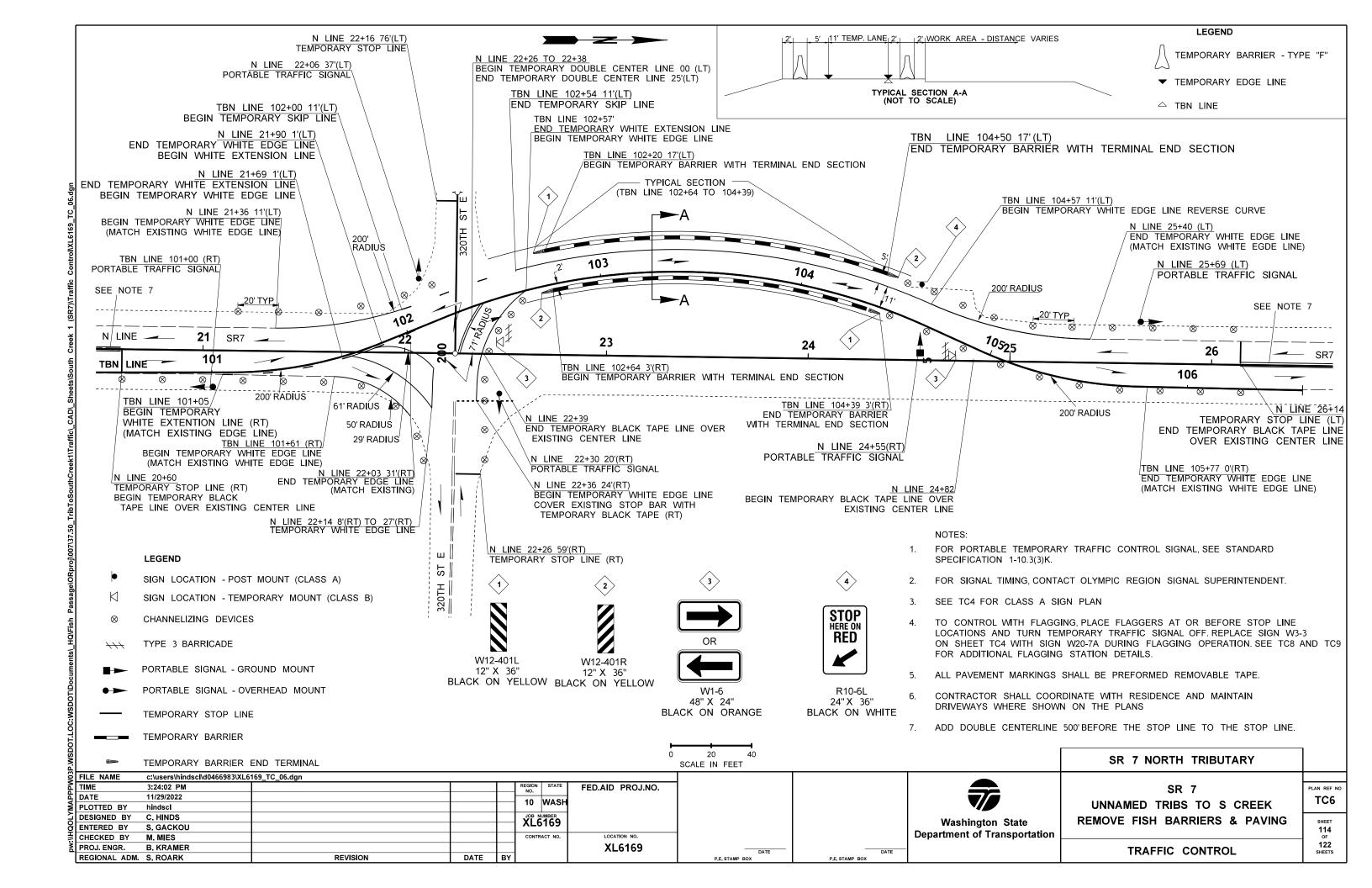










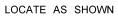


| | MINII | NUM S | SHOUL | DER T | APER | LENG | ΓH = L | _/3 (fee | et) | |
|--|-------|-------|-------|-------|------|------|--------|----------|-----|-----|
| SHOULDER Posted Speed (mph) | | | | | | | | | | |
| WIDTH (feet) | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |
| 8' | 40 | 40 | 60 | 90 | 120 | 130 | 150 | 160 | 170 | 190 |
| 10' | 40 | 60 | 90 | 90 | 150 | 170 | 190 | 200 | 220 | 240 |
| USE A MINIMUM 3 DEVICES TAPER FOR SHOULDER LESS THAN 8'. | | | | | | | | | | |

| SIGN SPACING | = X (1) |
|---|--------------------------|
| FREEWAYS & EXPRESSWAYS | 55 / 70 MPH 1500' ± |
| RURAL HIGHWAYS | 60 / 65 MPH 800' ± |
| RURAL ROADS | 45 / 55 MPH 500' ± |
| RURAL ROADS & URBAN ARTERIALS | 35 / 40 MPH 350' ± |
| RURAL ROADS & URBAN ARTERIALS | 25 / 30 MPH 200' ± (2) |
| RESIDENTIAL & BUSINESS DISTRICTS | |
| URBAN STREETS | 25 MPH OR LESS 100'± (2) |
| (1) ALL SPACING MAY BE ADJUSTED TO RAMPS, AT-GRADE INTERSECTIONS AN (2) THIS SPACING MAY BE REDUCED IN ROADWAY CONDITIONS. | ID DRIVEWAYS. |

| BUFFER DATA | | | | | | | | | | | |
|---|-------|-------|------|--------|------|--------------------|-------|-------|----------|------|--|
| LONGITUDINAL BUFFER SPACE = B | | | | | | | | | | | |
| SPEED (MPH) 25 30 35 40 45 50 55 60 65 70 | | | | | | | | | | | |
| LENGTH (fe | - | - | - | - | 360 | 425 | 5 495 | 570 | 645 | 730 | |
| TRANSP | ORTA | BLE A | TTEN | UATO | R RO | LL AI | HEA | D DIS | TANCE | = R | |
| HOST VEHICLE WEIGHT HOST VEHICLE WEIGHT 9,900 TO 22,000 lbs. > 22,000 lbs. | | | | | | | | | | | |
| < 45 MPH | 45-55 | MPH | > ! | 55 MPH | I < | < 45 MPH 45-55 MPH | | | > 55 MPH | | |
| 100' | 12 | 23' | | 172' | | 74' 100' | | | | 150' | |

| PC | MS |
|----------|---------|
| 1 | 2 |
| SHOULDER | 1 |
| CLOSED | MILE |
| AHEAD | AHEAD |
| 2.0 SEC | 2.0 SEC |



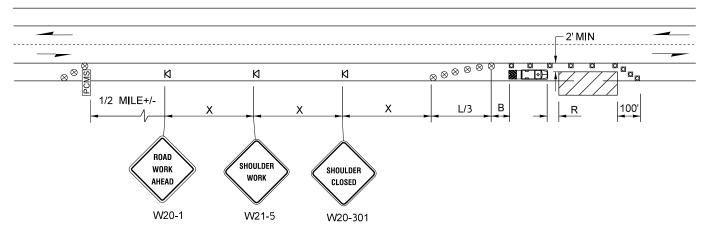
LEGEND

PROTECTIVE VEHICLE

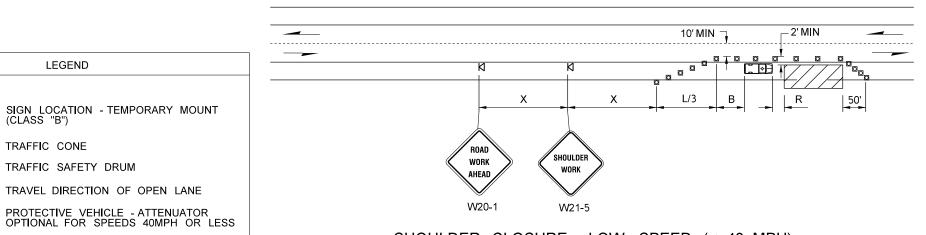
PORTABLE CHANGEABLE MESSAGE SIGN

TRAFFIC CONE

WORK AREA



SHOULDER CLOSURE - HIGH SPEED (> 40 MPH)



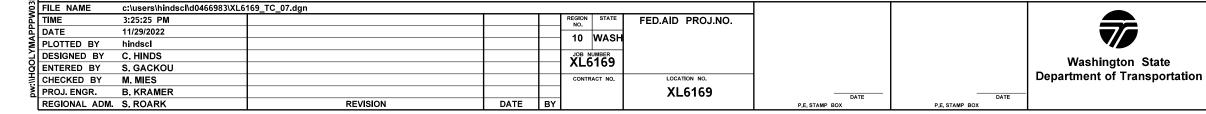
SHOULDER CLOSURE - LOW SPEED (< 40 MPH)

(NOT TO SCALE)

| CHANNELIZATION DEVICE SPACING (feet) | | | | | | | | | |
|--------------------------------------|-------|---------|--|--|--|--|--|--|--|
| MPH | TAPER | TANGENT | | | | | | | |
| 50/70 | 40 | 80 | | | | | | | |
| 35/45 | 30 | 60 | | | | | | | |
| 25/30 | 20 | 40 | | | | | | | |

NOTES:

- 1. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
- 2. PROTECTIVE VEHICLE REQUIRED MAY BE A WORK VEHICLE FOR SPEEDS 40 MPH OR LESS.
- 3. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
- 4. LOCATE PCMS's PER STANDARD SPECIFICATION 1-10.3(3)C.
- DURING HIGH SPEED CLOSURE NO ENCROACHMENT ON TRAVELED LANE. IF ENCROACHMENT IS NECESSARY, LANE SHALL BE CLOSED USING AN APPROVED PLAN.
- 6. CLOSURES NEAR INTERSECTIONS SHALL NOT BLOCK SIGHT DISTANCE FOR VEHICLES ENTERING FROM THE SIDE ROAD.



SR 7 UNNAMED TRIBS TO S CREEK **REMOVE FISH BARRIERS & PAVING**

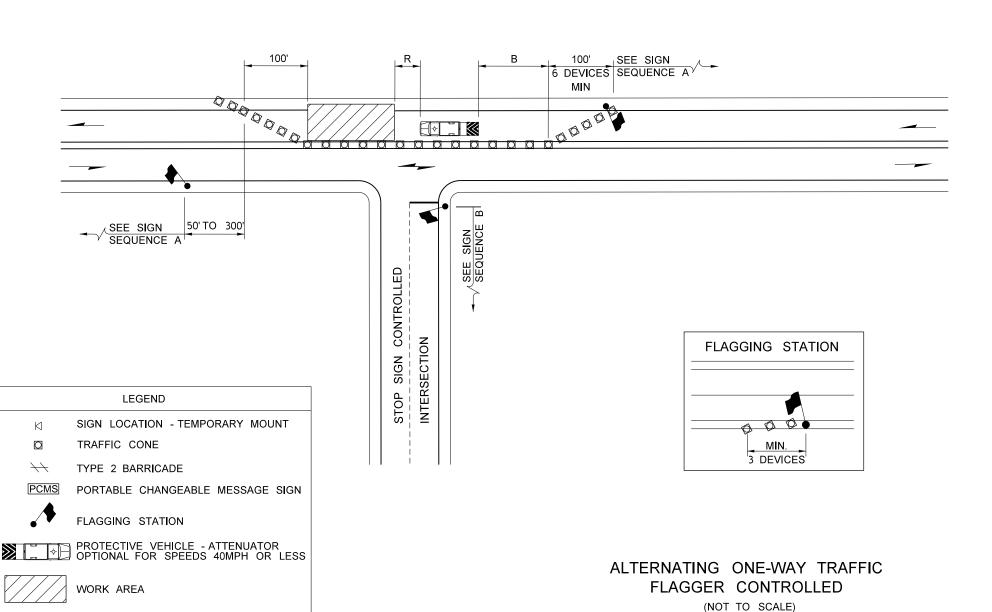
PLAN REF NO TC7 115 122 SHEETS

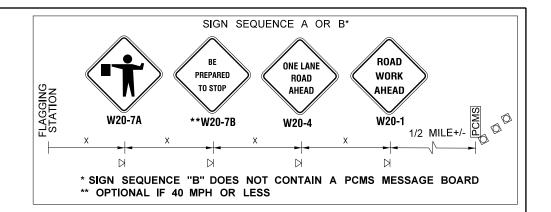
TRAFFIC CONTROL

| SIGN SPACING = X (1) | | | | | | | | |
|---|----------------|------|--|--|--|--|--|--|
| RURAL HIGHWAYS | 60 / 65 MPH | 800' | | | | | | |
| RURAL ROADS | 45 / 55 MPH | 500' | | | | | | |
| RURAL ROADS & URBAN ARTERIALS | 35 / 40 MPH | 350' | | | | | | |
| RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS | 25 / 30 MPH | 200' | | | | | | |
| URBAN STREETS | 25 MPH OR LESS | 100' | | | | | | |
| (1) ALL SDACING MAY BE ADJUSTED T | O ACCOMMODATE | | | | | | | |

- (1) ALL SPACING MAY BE ADJUSTED TO ACCOMMODATE INTERSECTIONS, DRIVEWAYS, AND OTHER SIGNING.
- (2) W20-7B SIGN AND PCMS ARE OPTIONAL IF THE SPEED LIMIT IS 40 MPH OR LESS.

| BUFFER DATA | | | | | | | | | | | | |
|-------------|---|---------------------|------|----------|--------|------------------------|------|------|------------------|--------|-----|-----|
| | LONGITUDINAL BUFFER SPACE = B | | | | | | | | | | | |
| SPEED (MF | SPEED (MPH) 25 30 35 40 45 50 55 60 65 70 | | | | | | | | | | 70 | |
| LENGTH (fe | eet) | 155 | 200 | 250 | 305 | 360 | 42 | .5 | 495 | 570 | 645 | 730 |
| TRANSP | ORTA | BLE A | TTEN | UATO | R RC | LL A | HEA | D | DIST | ANCE | = R | |
| | | LE WEI 22,000 lb | | | | I | HOST | | EHICLE 22,000 | WEIG | HT | |
| < 45 MPH | 45-55 | MPH | > | 55 MPH | l < | < 45 MPH 45-55 MPH > 5 | | | | > 55 I | МРН | |
| 100' | 12 | 23' | | 74' 100' | | | | 150' | | | | |
| | PROTECTIVE VEHICLE (WORK VEHICLE) = R | | | | | | | | | | | |
| | | NO | SPEC | IFIED [| DISTAN | CE REC | QUIR | ED | | | | |





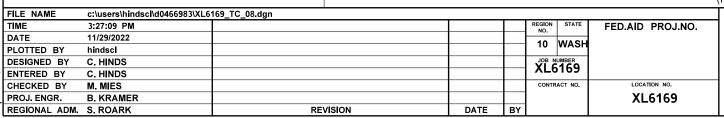
| PCMS | | | | | | |
|---------|---------|--|--|--|--|--|
| 1 | 2 | | | | | |
| FLAGGER | EXPECT | | | | | |
| AHEAD | XX MIN | | | | | |
| 1 MILE | DELAYS | | | | | |
| 2.0 SEC | 2.0 SEC | | | | | |

LOCATE AS SHOWN

XX USE ESTIMATED DELAY OF TIME, UP TO 15 MIN. MAX.

NOTES:

- ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN.
 ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.
- 2. PROTECTIVE VEHICLE REQUIRED MAY BE A WORK VEHICLE FOR SPEEDS 40 MPH OR LESS.
- IF A SIGNAL IS PRESENT, IT SHALL BE SET TO "RED FLASH MODE" OR TURNED OFF DURING FLAGGING OPERATIONS.
- 4. EXTEND CHANNELIZING DEVICE TAPER ACROSS SHOULDER.
- NIGHT WORK REQUIRES ADDITIONAL ROADWAY LIGHTING AT FLAGGING STATIONS. SEE STANDARD SPECIFICATION 1-10.3(1)A.
- 6. SIGN SEQUENCE IS THE SAME FOR BOTH DIRECTIONS OF TRAVEL ON THE ROADWAY.
- 7. WHEN USED, THE DOWNSTREAM TAPER DEVICE SPACING SHALL BE 20'O.C.
- 8. CONTRACTOR SHALL PROVIDE PEDESTRIAN ACCESS ROUTES IN ACCORDANCE WITH WSDOT FIELD GUIDE FOR ACCESSIBLE PUBLIC RIGHT OF WAY.



Washington State
Department of Transportation

DATE

DATE

SR 7 AND SR 161
UNNAMED TRIBS TO S CREEK
REMOVE FISH BARRIERS & PAVING

116 or 122 sheets

PLAN REF NO

TC8

TRAFFIC CONTROL

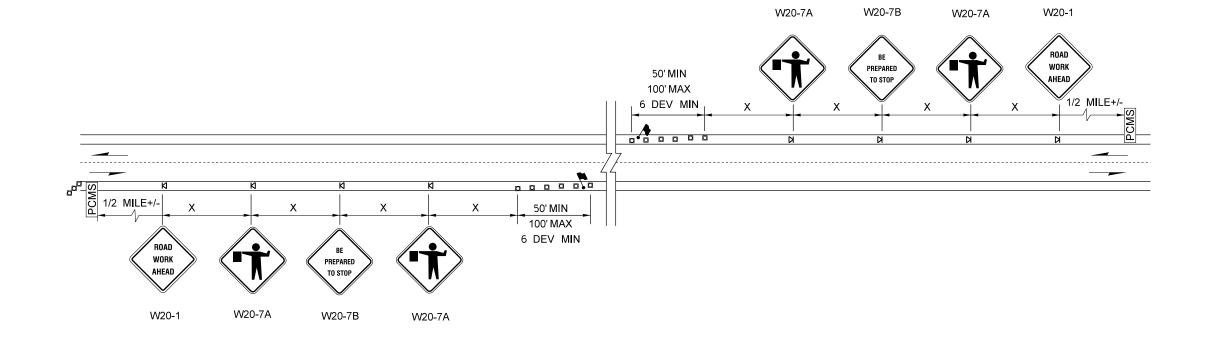
| PCMS | | | | | | | | |
|--------------------------|----------------------------|--|--|--|--|--|--|--|
| 1 | 2 | | | | | | | |
| TREE FALLING AHEAD | EXPECT xx MIN DELAYS | | | | | | | |
| 2.0 SEC | 2.0 SEC | | | | | | | |

LOCATE AS SHOWN

| SIGN SPACING | = X (1) | |
|---|----------------|------------|
| RURAL HIGHWAYS | 60 / 65 MPH | 800' ± |
| RURAL ROADS | 45 / 55 MPH | 500' ± |
| RURAL ROADS & URBAN ARTERIALS | 35 / 40 MPH | 350' ± |
| RURAL ROADS, URBAN ARTERIALS, RESIDENTIAL & BUSINESS DISTRICTS | 25 / 30 MPH | 200' ± (2) |
| URBAN STREETS | 25 MPH OR LESS | 100' ± (2) |
| (1) ALL SPACING MAY BE ADJUSTED TO | ACCOMMODATE | |

INTERSECTIONS AND DRIVEWAYS.

(2) THIS SPACING MAY BE REDUCED IN URBAN AREAS TO FIT ROADWAY CONDITIONS.



LEGEND

SIGN LOCATION - TEMPORARY MOUNT

□ □ □ TRAFFIC CONES

^

FLAGGING STATION

PCMS POI

PORTABLE CHANGEABLE MESSAGE SIGN

SHORT TERM TRAFFIC STOP FOR TREE FALLING OPERATION

NOTES

- DURING TREE FALLING OPERATION, FLAGGERS SHALL BE PLACED AT ALL ACCESS POINTS TO CONTROL VEHICLES FROM ENTERING THE AREA.
- 2. AT NO TIME SHALL TRAFFIC ON ROADWAY BE STOPPED FOR LONGER THAN 15 MINUTES.
- 3. ALL SIGNS SHALL BE 48" X 48", UNLESS OTHERWISE SHOWN. ALL SIGNS SHALL BE BLACK ON ORANGE, UNLESS OTHERWISE SHOWN.

| FILE NAME | c:\users\hindscl\d0466983\XL6169_TC_09.dgn | | | | | | | | |
|--------------|--|------|--------------|------------------|------|------|------------------------------|-------------------------------|---------------|
| TIME | 3:28:00 PM | | REGION STATE | FED.AID PROJ.NO. | 1 | | | SR 7 | PLAN REF NO |
| DATE | 11/29/2022 | | 10 WASH | | | | | | TC9 |
| PLOTTED BY | hindscl | | IU WASI |] | | | | UNNAMED TRIBS TO S CREEK | |
| DESIGNED BY | C. HINDS | | XL6169 | | | | Washington State | REMOVE FISH BARRIERS & PAVING | SHEET |
| ENTERED BY | C. HINDS | | VE0103 | | | | 9 | | 117 |
| CHECKED BY | M. MIES | | CONTRACT NO. | LOCATION NO. | | | Department of Transportation | | OF |
| PROJ. ENGR. | B. KRAMER | | | XL6169 | DATE | DATE | - | TRAFFIC CONTROL | 122 SHEETS |
| DECIONAL ADM | e DOADK BEVISION | DATE | DV | | DAIL | | | I INALLIS CONTROL | J.ILLIO |

